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WASHINGTON AGRICULTURAL STATISTICS 1981-82



John Spellman, Governor

Cover Photograph Courtesy of:
The Jack & Ellen Dodge
Dairy Farm at
Silvana, Washington

WASHINGTON AGRICULTURAL STATISTICS

1981-82 ANNUAL

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M. Keith Ellis, Director

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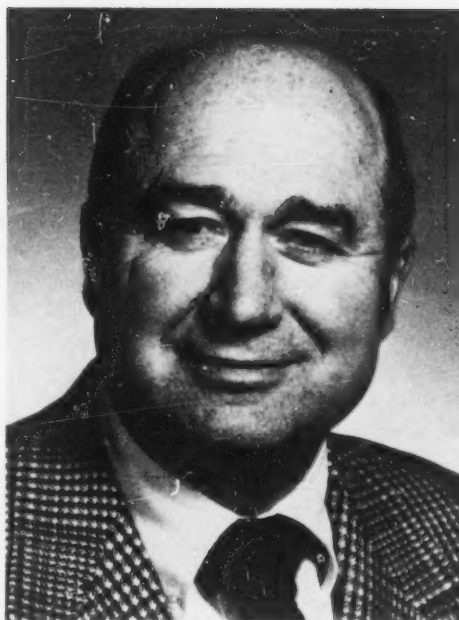
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STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE

1981 was a year of contrast for Washington agriculture. The value of production exceeded 3 billion dollars for the first time. Generally favorable weather conditions resulted in record level production for some of our major crops. It was a banner year for production, but the overall economy throughout the agribusiness community continued to erode. Sluggish markets and low prices plagued many of our major commodities. Higher costs and continued high interest rates placed many producers and suppliers in serious financial difficulty.

Escalating costs for electricity, the shortage of storage facilities, the threat of reduced rail service, and reduced or restricted assistance from federal sources presented new or intensified challenges in 1981.



Wheat continued to be this State's number one crop. We enjoyed record level production as all previous yields per acre were exceeded. However, poor markets, low prices, and heavy carryover stocks resulted in some of the most severe storage problems in recent times.

Milk retained second place in value of production. Milk production per cow reached a new high and placed Washington in second place nationally. The value of cattle and calves was again in third position, 4 percent higher than the 1980 level. Apples moved into fourth position, followed by potatoes in fifth. Reduced production and lower prices dropped hay from fourth to sixth. Rounding out the top ten are barley, nursery and greenhouse products, hops, and eggs.

By its very nature, agriculture has always been a cyclic business. Today we are at the bottom of the cycle. While this downturn may be broader and deeper than some in the past, it is temporary and agriculture will continue to be a growth industry in Washington.

Sincerely,

A handwritten signature in dark ink, appearing to read "M. Keith Ellis". The signature is written in a cursive, slightly stylized font.

M. Keith Ellis
Director

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FOREWORD

We feel we should extend a special thanks to the leadership of the State of Washington Department of Agriculture for their continued support of this publication during these most difficult times. "Washington Agricultural Statistics" has become one of our most popular and most widely used reports. We are proud and gratified that the value of a bulletin of this type is recognized.

We have continued to introduce changes in content to reflect the changing needs of our data users. You will note that we have identified this as the 1981-82 issue. We feel that the new multi-year designation more clearly describes the data which spans both the production and marketing period.

For those who follow "40 leading commodities", you will find a new entry. Prior to this year, Nursery and Greenhouse Products (in eighth place) had not been listed as a special item. We considered this important enterprise only in its many separate components. Combining these separate but related parts into a single composite value, as has been done for seed crops in the past, more clearly shows this industry's contribution to the State's economy.

We want to express our continued appreciation to all the farmers, ranchers, agribusiness firms, and other government agencies who so faithfully contribute the data needed to maintain our program of estimates.

Very truly yours,


J. M. Kitterman
Agric. Statistician
in Charge

GENERAL

Agricultural production in Washington during 1981 set new records for many crops. The composite value of production for all agricultural products also set a new record by exceeding 3 billion dollars. Wheat, the State's number one commodity, exceeded last year's value through increased production. Apples, the fourth ranked commodity, showed the largest increase through higher prices.

Farm production expenses rose much faster than farm income and set a new record at 2.7 billion dollars for Washington farmers. Total gross farm income at 3.3 billion dollars minus production expenses and adjusted for the net change in farm inventory resulted in a net farm income of 646 million dollars. This compares with 668 million dollars in 1980 or a decline of 3 percent.

Washington still continues to be a leader for many of the Nation's agricultural products. The Evergreen State ranks Number 1 for 7 commodities, led by apples and hops. We are the Number 2 producing State for 8 commodities, with potatoes and pears leading the way. Washington ranks in the top ten for 28 separate commodities.

VALUE OF PRODUCTION: CROPS, SPECIALTY PRODUCTS, LIVESTOCK AND LIVESTOCK PRODUCTS, WASHINGTON, 1979 - 1981

ITEM	1979	1980	1981	1981 as % of 1980
	<i>000 Dollars</i>			<i>Percent</i>
Field Crops	1,012,707	1,432,130	1,421,695	99
Fruit & Nut Crops	457,566	369,792	448,547	121
Vegetable Crops	127,098	119,527	142,470	119
Seed Crops	31,969	41,795	31,975	77
Berry Crops	21,906	17,307	21,553	125
TOTAL CROPS	1,651,246	1,980,551	2,066,240	104
Specialty Products <u>1/</u>	186,000	156,000	163,000	104
Livestock and Livestock Products	695,476	814,731	871,920	107
State Total	2,532,722	2,951,282	3,101,160	105

1/ Includes forestry products, nursery products, greenhouse products, other horticultural products, and mushrooms.

RANK OF PRINCIPAL COMMODITIES: VALUE OF PRODUCTION,
WASHINGTON, 1979 - 1981

COMMODITY	Rank 1981	Value of Production			% Change 1981 vs. 1980
		1979	1980	1981	
		<i>000 Dollars</i>			
Wheat	1	460,200	637,676	664,983	4
Milk	2	343,956	382,754	416,648	9
Cattle & Calves	3	236,558	311,142	322,978	4
Apples	4	332,613	247,695	313,050	26
Potatoes	5	123,548	193,314	209,034	8
Hay	6	183,309	216,563	171,585	-21
Barley	7	43,205	93,848	110,200	17
Nursery & Greenhouse Products	8	79,000	90,000	97,000	8
Hops	9	38,454	86,166	89,205	4
Eggs	10	49,712	53,095	64,603	22
All Pears	11	52,557	54,571	54,038	-1
Sweet Cherries	12	41,101	30,139	41,470	38
Corn, Grain	13	34,958	42,240	39,913	-6
Chickens & Broilers	14	26,842	27,894	33,716	21
Seed Crops	15	31,969	41,795	33,170	-21
Grapes	16	20,971	25,828	30,102	17
Corn, Silage	17	20,900	27,531	29,469	7
Asparagus	18	26,371	20,894	29,268	40
Dry Edible Beans	19	19,200	29,700	26,634	-10
Lentils	20	35,160	43,358	22,688	-48
Sweet Corn	21	23,214	20,675	22,392	8
Onions	22	8,215	14,562	22,240	53
Green Peas, Proc.	23	30,967	18,406	19,909	8
Mint Oil	24	17,116	19,885	16,365	-18
Dry Edible Peas	25	13,884	17,993	14,729	-18
Hogs	26	12,741	18,214	12,087	-34
Carrots	27	8,376	11,128	10,001	-10
Red Raspberries	28	8,854	4,700	6,916	47
Mink	29	7,740	6,412	6,712	5
Strawberries	30	5,696	6,038	6,440	7
Cranberries	31	3,925	3,442	5,121	49
Peaches	32	4,991	5,549	4,720	-15
Oats	33	2,973	3,906	3,440	-12
Sheep, Lambs & Wool	34	3,140	3,002	3,246	8
Lettuce	35	2,387	3,072	3,112	1
Blueberries	36	2,626	2,790	2,783	-
Cucumbers	37	1,863	1,998	2,422	21
Honey & Beeswax	38	1,857	2,297	1,839	-20
Cabbage	39	1,295	1,550	1,790	15
Prunes	40	2,822	3,442	1,694	-51

GROSS AND NET INCOME FROM FARMING

WASHINGTON, 1979 - 1981*

I T E M	1979	1980	1981
	<i>Million Dollars</i>		
Cash receipts from marketings	2,158.1	2,719.3	2,905.1
Government payments	16.7	9.5	37.3
Non-money income.	223.3	226.0	269.8
Other farm income	35.5	35.5	44.5
TOTAL GROSS FARM INCOME	2,433.6	2,990.3	3,256.7
Farm production expenses.	2,042.9	2,317.6	2,711.2
REALIZED NET FARM INCOME.	390.7	672.7	545.5
Net change in farm inventories.	178.1	-5.1	100.8
TOTAL NET FARM INCOME	568.8	667.6	646.3

FARM PRODUCTION EXPENSES: WASHINGTON, 1979 - 1981*

I T E M	1979	1980	1981
	<i>Million Dollars</i>		
CURRENT FARM OPERATING EXPENSES:			
Feed.	258.2	316.0	336.5
Livestock	70.1	41.6	144.1
Seed.	47.0	53.2	62.8
Fertilizer and Lime	144.0	184.9	199.5
Repairs and Operation, Capital Items. . .	212.8	251.5	283.6
Miscellaneous	353.8	381.2	460.7
Hired Labor	332.0	383.0	408.3
TOTAL CURRENT EXPENSES.	1,417.9	1,611.4	1,895.5
Depreciation and consumption of farm capital	350.4	402.4	460.1
Taxes on farm property.	71.7	64.8	68.2
Interest on farm mortgage debt.	130.0	150.7	181.1
Net rent to non-farm landlords.	72.9	88.3	106.3
TOTAL PRODUCTION EXPENSES	2,042.9	2,317.6	2,711.2

* Source: USDA, ERS, Farm Income Branch.

CASH RECEIPTS FROM MARKETINGS: BY COMMODITIES,
WASHINGTON, 1979 - 1981*

Commodity	1979	1980	1981	1981 as % of All Commodities
	<i>000 Dollars</i>			<i>Percent</i>
Wheat	406,512	612,385	686,480	23.6
Potatoes	111,371	143,392	209,392	7.2
Barley	36,709	72,398	94,987	3.2
Hops	38,455	86,166	89,675	3.1
Hay	77,596	102,875	80,358	2.8
Corn, Grain	22,427	23,355	30,452	1.1
Dry Beans	14,588	24,826	28,796	1.0
Mint	17,215	20,731	16,365	.6
Dry Peas	15,501	17,432	15,391	.5
Other Field Crops	50,748	59,744	43,976	1.5
Apples	253,830	282,926	226,720	7.8
Pears	53,399	52,629	51,003	1.8
Cherries, Sweet	40,937	29,964	41,208	1.4
Grapes	20,888	25,751	29,494	1.0
Other Fruit & Nut Crops	10,163	11,381	9,902	.4
Asparagus	25,752	20,894	29,268	1.0
Sweet Corn	23,483	20,675	22,392	.8
Onions	12,445	13,890	22,247	.8
Peas, Green	30,967	18,406	19,909	.7
Carrots	14,401	10,398	9,781	.3
Other Vegetable Crops	40,259	35,268	51,116	1.7
Alfalfa Seed	12,131	9,637	9,862	.3
Bluegrass Seed	7,550	9,578	8,727	.3
Other Seed Crops	8,959	17,747	8,176	.3
Strawberries	5,696	2,070	8,352	.3
Raspberries	9,102	4,759	6,937	.2
Other Berry Crops	6,932	5,733	7,213	.3
Greenhouse/Nursery	70,915	72,640	80,291	2.8
Forest Products	106,997	65,635	65,868	2.3
Other Miscellaneous Crops	4,092	3,685	4,723	.1
Milk, Wholesale	316,540	353,695	387,450	13.4
Cattle and Calves	155,916	346,379	349,475	12.0
Eggs	49,799	52,726	64,166	2.2
Broilers	25,011	26,875	32,458	1.1
Milk, Retail	23,074	24,400	26,372	.9
Hogs	10,230	15,478	12,559	.4
Other Livestock and Livestock Products	27,509	22,797	23,524	.8
Field Crops	791,122	1,163,304	1,295,872	44.6
Fruit & Nut Crops	379,217	402,651	358,327	12.4
Vegetable Crops	147,307	119,531	154,713	5.3
Seed Crops	28,640	36,962	26,765	.9
Berry Crops	21,730	12,562	22,502	.8
Miscellaneous Crops	182,004	141,960	150,882	5.2
ALL CROPS	1,550,020	1,876,970	2,009,061	69.2
All Livestock & Livestock Products	608,079	842,350	896,004	30.8
All Commodities	2,158,099	2,719,320	2,905,065	100.0

* Source: USDA, ERS, Farm Income Branch.

**PRICES RECEIVED BY FARMERS: SPECIFIED PRODUCTS, BY MONTHS,
WASHINGTON, 1979 - 1981**

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Crop Year or Season Average ^{1/}
ALL WHEAT (Dollars Per Bushel)													
1979							3.85	4.21	4.17	4.01	4.02	3.89	3.90
1980	3.86	3.97	3.81	3.80	3.65	3.67	3.78	3.77	3.85	4.11	4.24	4.19	3.98
1981	4.20	4.23	4.19	4.05	4.25	4.09	3.97	3.92	3.89	4.02	4.09	4.20	3.95
1982	3.99	3.94	3.87	3.79	3.84	3.88							
BARLEY (Dollars Per Bushel)													
1979							2.45	2.36	2.57	2.54	2.85	2.52	2.54
1980	2.58	2.52	2.54	2.50	2.36	2.48	2.75	2.64	2.57	3.04	3.13	3.19	2.91
1981	3.34	3.39	3.14	3.09	3.18	3.04	2.63	2.47	2.45	2.28	2.62	2.44	2.50
1982	2.57	2.54	2.63	2.81	2.66	2.64							
POTATOES (Dollars Per Cwt.)													
1979							2.50	2.25	2.70	2.55	2.75		2.55
1980	2.45	2.30	2.30	2.20	2.30	2.90	3.40	7.35	4.70	3.35	3.95	4.60	4.40
1981	4.80	4.30	4.20	4.35	4.70	4.30	-	7.40	3.95	3.00	3.10	3.45	3.95
1982	3.50	3.45	3.65	3.85	4.15	3.90	3.15						
ALL HAY (Dollars Per Ton)													
1979							68.00	64.50	68.50	65.00	71.00	71.00	73.50
1980	77.00	82.00	85.00	94.50	84.00		91.00	94.00	87.00	82.00	84.00	81.00	85.00
1981	87.00	83.00	74.00	71.00	64.00		74.00	72.00	70.00	70.00	66.00	63.00	67.50
1982	66.00	63.00	65.00	63.00	67.00								
APPLES (For Fresh Use) (Cents Per Pound)													
1979							18.7	15.6	11.7	13.1	13.9		15.5
1980	12.5	13.6	15.8	16.3	16.9	21.0	25.0	20.8	17.2	9.2	8.5	8.5	9.7
1981	8.2	10.8	9.7	9.1	8.6	9.2	10.0	16.0	17.7	13.2	14.0	14.9	13.7
1982	12.2	14.9	14.7	12.6	13.7	17.5	16.5						
COWS (Dollars Per Cwt.) ^{2/}													
1979	47.30	51.30	52.70	55.20	55.20	49.50	47.40	43.50	45.70	42.50	43.00	45.20	47.70
1980	45.50	47.10	47.90	44.80	41.70	45.20	44.10	44.60	45.70	44.90	44.50	44.60	45.20
1981	42.00	43.10	42.20	44.00	43.00	43.00	42.20	42.50	41.40	38.50	35.60	36.00	41.00
STEERS AND HEIFERS (Dollars Per Cwt.)													
1979	63.50	67.10	75.00	78.20	75.60	70.70	68.40	65.70	68.90	63.50	68.50	68.00	69.30
1980	68.50	68.60	68.40	62.00	61.30	62.20	64.70	66.40	66.00	68.60	65.20	66.90	65.80
1981	65.80	64.00	65.00	63.20	67.30	67.20	67.50	65.10	65.70	64.30	61.40	59.70	64.60
CALVES (Dollars Per Cwt.)													
1979	74.00	81.70	84.50	86.10	84.00	82.50	77.20	76.60	81.20	77.50	76.80	74.00	78.60
1980	81.20	82.80	79.20	71.30	72.20	71.60	69.90	74.20	74.30	73.70	67.70	69.20	74.00
1981	68.00	66.00	66.00	67.20	65.50	69.80	67.20	54.70	56.30	52.00	55.00	50.90	60.00
MILK COWS (Dollars Per Head) ^{3/}													
1979	1,050	1,110	1,140	1,230	1,230	1,250	1,250	1,260	1,280	1,300	1,300	1,300	1,230
1980	1,330	1,340	1,360	1,320	1,280	1,240	1,220	1,220	1,230	1,240	1,270	1,300	1,280
1981	1,270	1,270	1,270	1,240	1,240	1,270	1,270	1,250	1,250	1,220	1,200	1,200	1,250
MILK SOLD TO PLANTS, ALL (Dollars Per Cwt.)													
1979	11.80	11.80	11.70	11.60	11.50	11.60	11.60	11.90	12.10	12.20	12.30	12.30	11.90
1980	12.40	12.40	12.40	12.40	12.50	12.50	12.50	12.60	12.90	13.20	13.30	13.60	12.70
1981	13.60	13.60	13.60	13.60	13.50	13.40	13.30	13.30	13.40	13.50	13.50	13.60	13.50

^{1/} Crop year begins with month to right of heavy line. ^{2/} Beef cows sold for slaughter and herd replacement and cull dairy cows sold for slaughter. ^{3/} Dairy cows sold for dairy herd replacement.

PRICES PAID BY FARMERS: SPECIFIED PRODUCTS,

MID-MONTH, WASHINGTON, 1979 - 1981

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
CHICK STARTER (Dollars Per Ton)												
1979	177	183	195	200	199	200	210	205	196	200	197	205
1980	197	200	197	193	195	195	210	220	230	230	250	240
1981	245	235	235	240	265	250	235	235	225	205	200	210
BROILER GROWER (Dollars Per Ton)												
1979	187	194	205	215	210	215	225	215	210	210	205	215
1980	205	210	200	197	205	205	220	230	240	240	265	250
1981	255	240	240	245	260	250	240	235	225	215	210	210
LAYING FEED (Dollars Per Ton)												
1979	154	154	165	171	171	173	189	185	178	188	182	188
1980	185	186	184	184	181	177	189	200	205	210	230	220
1981	225	215	215	220	245	215	205	215	199	186	183	200
DAIRY FEED - 14% PROTEIN (Dollars Per Ton)												
1979	136	135	141	142	142	144	156	157	153	157	155	159
1980	160	164	163	156	159	158	168	173	176	171	184	187
1981	193	192	190	190	198	191	180	178	170	166	163	173
DAIRY FEED - 16% PROTEIN (Dollars Per Ton)												
1979	140	143	150	151	150	153	162	162	160	164	162	165
1980	165	169	168	161	165	164	178	182	185	180	197	199
1981	205	205	198	200	205	197	186	190	181	170	170	175
SOYBEAN MEAL - 44% PROTEIN (Dollars Per Ton)												
1979	320	320	330	350	340	350	360	340	340	340	330	340
1980	340	340	340	340	320	300	340	370	400	410	440	400
1981	420	390	400	400	420	400	400	400	380	380	360	390
COTTON SEED MEAL - 41% PROTEIN (Dollars Per Ton)												
1979	260	280	290	280	290	290	300	300	300	310	290	300
1980	290	290	320	300	290	290	300	290	330	340	360	350
1981	370	380	410	420	390	400	370	390	400	410	380	420
GASOLINE, UNLEADED, SERVICE STATION (Dollars Per Gallon)												
1979	.73	.72	.74	.81	.83	.88	.94	.95	.99	1.06	1.04	1.06
1980	1.08	1.16	1.23	1.25	1.25	1.26	1.26	1.27	1.27	1.26	1.28	1.27
1981	1.28	1.29	1.39	1.40	1.43	1.43	1.44	1.45	1.45	1.45	1.45	1.44
GASOLINE, REGULAR, BULK DELIVERY (Dollars Per Gallon)												
1979	.65	.66	.66	.71	.73	.77	.84	.84	.88	.95	.95	.95
1980	.95	1.03	1.12	1.13	1.13	1.15	1.16	1.15	1.16	1.18	1.19	1.20
1981	1.21	1.27	1.28	1.31	1.33	1.33	1.35	1.35	1.35	1.36	1.35	1.37
DIESEL FUEL (Dollars Per Gallon)												
1979	.46	.48	.48	.53	.55	.60	.69	.69	.74	.80	.78	.81
1980	.83	.87	.92	.93	.92	.97	.95	.96	.95	.94	.96	.98
1981	1.06	1.06	1.07	1.08	1.12	1.15	1.19	1.19	1.17	1.15	1.17	1.20

PRICES PAID BY FARMERS: SPECIFIED ITEMS,
MID-MONTH BY REGIONS, 1979 - 1981

Item	Month	1979	1980	1981
<u>PACIFIC REGION</u> 1/		<i>Dollars</i>		
Tractor, 110-129 HP	March	29,400	33,700	39,000
	June	31,100	36,800	40,200
	September	31,900	37,600	41,600
Tractor, 170-240 HP	March	59,500	70,800	78,200
	June	61,600	71,200	87,000
	September	64,800	76,700	85,000
Grain Drill, Plain, 16 Tubes	March	4,350	4,450	4,950
	September	4,380	4,630	4,960
Moldboard Plow, Seven Bottom	March	6,670	8,340	9,880
	September	6,890	8,660	10,900
Disk Harrow, Tandem, 16 Feet	March	7,190	7,900	8,470
	September	8,150	8,130	8,720
Self-Propelled Combine, Large Capacity	June	69,500	73,700	92,400
	September	70,000	80,000	91,500
<u>NORTHWEST REGION</u> 2/		<i>Dollars Per Ton</i>		
Anhydrous Ammonia	March		319	335
	May		328	348
	October		333	357
	December		337	356
Nitrogen Solutions, 32%	March		177	196
	May		178	208
	October		186	213
	December		186	212
Superphosphate, 44-46%	March		246	249
	May		245	255
	October		242	250
	December		243	250

1/ Pacific region includes California, Oregon, and Washington.

2/ Northwest region includes Idaho, Oregon, and Washington.

INDEX OF PRICES RECEIVED AND PAID BY FARMERS, BY MONTHS AND ANNUAL AVERAGE,
UNITED STATES, 1979 - 1981

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
PRICES RECEIVED 1977=100													
All Farm Products:													
1979	127	132	134	134	135	134	134	130	132	129	130	131	132
1980	130	131	128	123	125	127	135	140	141	142	145	145	134
1981	145	144	143	143	142	142	142	138	133	130	130	128	138
All Crops													
1979	109	111	111	111	114	121	124	120	118	117	117	115	116
1980	115	115	115	113	117	118	125	129	132	133	141	142	125
1981	144	144	145	143	142	138	138	130	120	120	121	122	134
All Livestock and Products													
1979	145	152	157	157	154	146	142	138	145	141	143	145	147
1980	144	146	141	133	133	136	144	150	150	150	149	148	144
1981	146	145	141	144	143	147	147	146	145	140	138	133	143
PRICES PAID													
Commodities, Services, Interest, Taxes, and Wage Rates:													
1979	116	118	121	122	123	123	125	124	126	127	127	128	123
1980	132	134	135	135	135	137	138	139	141	142	143	143	138
1981	147	148	149	150	150	150	150	151	151	150	150	150	150
Items Used for Production													
1979	116	119	122	124	125	125	126	125	127	129	128	130	125
1980	132	134	136	135	135	136	137	140	141	142	144	144	138
1981	146	146	147	149	149	150	148	148	148	147	147	145	148
Interest 1/* Taxes 2/* Farm Services & Cash Rent*													
1979		141					107				117		
1980		168					117				127		
1981		195					124				137		
Wage Rates													
1979	114	114	114	119	119	119	118	118	118	119	119	119	117
1980	126	126	126	126	126	126	128	128	128	128	128	128	127
1981	140	140	140	135	135	135	135	135	135	135	135	135	136
Production Items, Interest, Taxes, and Wage Rates													
1979	118	120	123	125	125	125	126	126	127	128	128	129	125
1980	134	136	137	136	136	136	138	140	142	143	144	144	139
1981	148	149	150	151	151	151	150	150	150	149	149	148	150
RATIO 3/													
1979	109	112	111	110	110	109	107	105	105	102	102	102	107
1980	98	98	95	91	93	93	98	101	100	100	101	101	97
1981	99	97	96	95	95	95	95	91	88	87	87	85	92

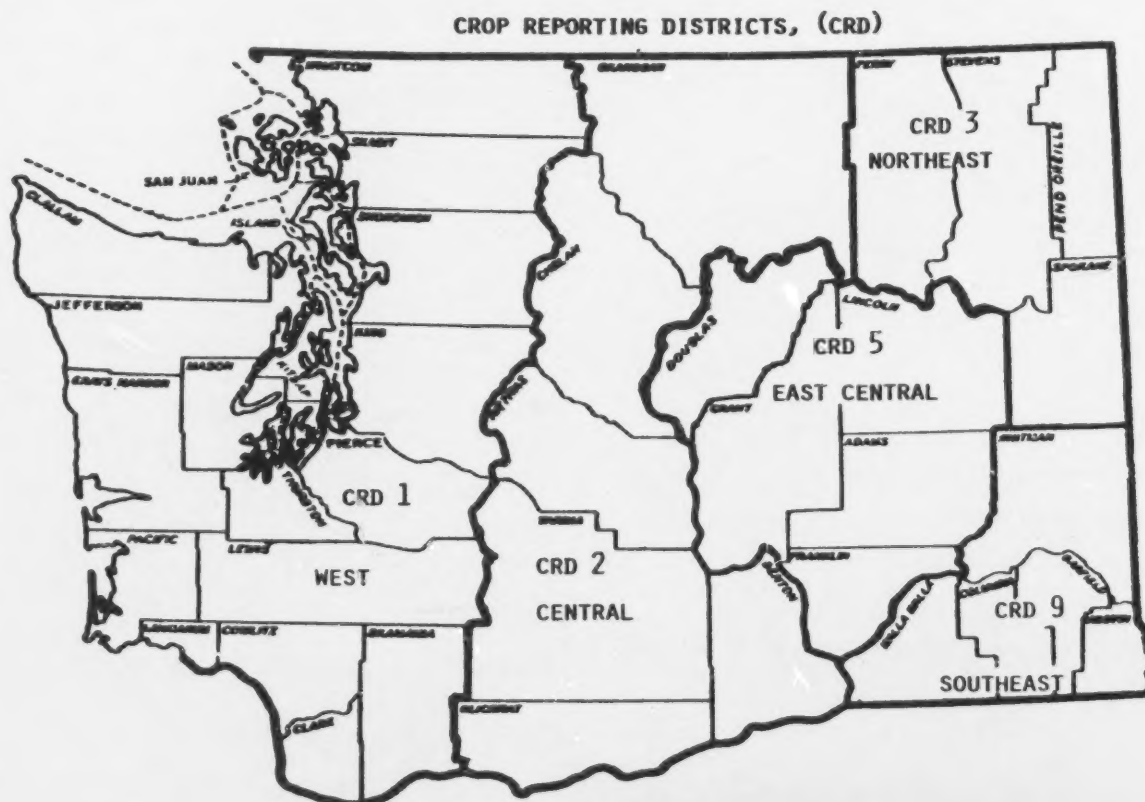
* Information collected yearly but is used as a component of monthly index.

1/ Interest on indebtedness secured by farm real estate. 2/ Taxes on farm real estate. 3/ Ratio of index of prices received by farmers to index of prices paid, interest, taxes, and wage rates.

NUMBER OF FARMS AND LAND IN FARMS: 1968 - 1982 ^{1/}

Year	Washington			United States		
	Number of Farms	Land In Farms	Average Size of Farm	Number of Farms	Land In Farms	Average Size of Farm
	000	000 Acres	Acres	000	000 Acres	Acres
1968	43.0	16,800	391	3,070.9	1,115,231	363
1969	42.0	16,700	398	3,000.2	1,107,811	369
1970	41.0	16,600	405	2,949.1	1,102,371	374
1971	40.0	16,500	413	2,902.3	1,096,863	378
1972	39.0	16,400	421	2,859.9	1,092,065	382
1973	38.5	16,400	426	2,823.3	1,087,923	385
1974	38.0	16,300	429	2,795.5	1,084,433	388
1975	34.0	16,100	474	2,521.4	1,059,420	420
1976	34.0	16,100	474	2,497.3	1,054,075	422
1977	34.0	16,100	474	2,455.8	1,047,785	427
1978	36.0	16,100	447	2,436.3	1,044,790	429
1979	37.0	16,100	435	2,430.0	1,043,195	429
1980	38.0	16,100	424	2,427.8	1,042,245	429
1981	39.5	16,300	413	2,434.0	1,042,100	428
1982 ^{2/}	39.0	16,300	418	2,400.3	1,038,730	433

^{1/} Estimates for 1975 on include places with annual sales of agricultural products of \$1,000 or more. ^{2/} Preliminary.



CENSUS OF AGRICULTURE: CROPLAND AND ALL LAND, WASHINGTON, 1978

County	CRD Code	Cropland			All Land in Farms		
		Farms	Acres	Avg. Acres	Farms	Acres	Avg. Acres
Adams	5	680	896,936	1,319	698	1,172,486	1,680
Asotin	9	136	90,034	662	157	289,460	1,844
Benton	2	955	425,426	445	1,038	685,709	661
Chelan	2	1,286	42,396	33	1,302	125,912	97
Clallam	1	283	18,906	67	425	28,170	87
Clark	1	1,140	61,480	54	1,267	101,606	80
Columbia	9	220	226,027	1,027	230	352,517	1,533
Cowlitz	1	283	17,055	60	323	40,038	124
Douglas	5	870	574,631	660	892	1,033,295	158
Ferry	3	187	29,446	157	200	794,816	3,974
Franklin	5	755	418,316	554	799	609,816	763
Garfield	9	206	194,392	944	212	350,267	1,652
Grant	5	1,580	776,981	492	1,665	1,227,947	738
Grays Harbor	1	361	28,980	80	382	50,414	132
Island	1	214	13,335	62	244	21,775	89
Jefferson	1	119	5,934	50	130	14,585	112
King	1	925	33,886	37	1,187	53,116	45
Kitsap	1	216	3,825	18	260	8,035	31
Kittitas	2	558	86,522	155	624	426,086	683
Klickitat	2	470	211,102	449	501	737,409	1,472
Lewis	1	1,049	72,222	69	1,136	137,137	121
Lincoln	5	726	890,313	1,226	765	1,444,301	1,888
Mason	1	98	5,052	52	110	10,397	95
Okanogan	2	1,233	126,554	103	1,297	1,258,477	970
Pacific	1	262	15,444	59	277	37,779	136
Pend Oreille	3	226	28,559	126	245	72,576	296
Pierce	1	863	30,562	35	1,077	63,077	59
San Juan	1	112	9,573	85	121	16,505	136
Skagit	1	693	81,872	118	779	105,721	136
Skamania	1	62	3,436	55	69	8,195	119
Snohomish	1	1,005	56,798	57	1,244	84,856	68
Spokane	3	1,710	408,328	239	1,859	631,397	340
Stevens	3	961	136,704	142	1,009	606,742	601
Thurston	1	519	27,282	53	618	63,610	103
Wahkiakum	1	137	9,470	69	150	16,081	107
Walla Walla	9	702	624,270	889	752	773,279	1,028
Whatcom	1	1,345	97,002	72	1,445	127,491	88
Whitman	9	1,238	1,099,073	888	1,298	1,414,715	1,090
Yakima	2	4,103	358,277	88	4,300	1,726,041	401
Farms Not on Census List		5,357	174,348	33	6,743	280,452	42
STATE TOTAL		33,845	8,410,749	249	37,730	17,002,288	451

WASHINGTON'S RANK IN THE NATION'S AGRICULTURE - 1981

ITEM	Rank Among States	Washington Production	Unit	Percent of U.S.
		<i>000 Units</i>		
CROPS				
Lentils	1	1,533	Cwt.	78.7
Hops	1	59,470	Lbs.	75.1
Spearmint Oil	1	1,411	Lbs.	66.3
Dry Edible Peas	1	1,430	Cwt.	62.4
Potatoes, Fall	2	52,920	Cwt.	17.9
Barley	5	44,080	Bu.	9.2
Wheat, All	6	168,350	Bu.	6.0
Dry Edible Beans	7	1,380	Cwt.	4.3
Alfalfa Hay	17	1,850	Tons	2.2
FRUIT				
Apples, All	1	2,750,000	Lbs.	35.5
Sweet Cherries	1	44.4	Tons	30.3
Pears, All	2	270.2	Tons	30.3
Grapes	2	159	Tons	3.6
Prunes and Plums	3	14.6	Tons	21.4
Apricots	3	1.3	Tons	1.5
Peaches, Freestone	14	20,000	Lbs.	1.3
VEGETABLES				
Asparagus, All	2	593	Cwt.	34.8
Green Peas, Processing	2	98.6	Tons	21.3
Sweet Corn, Processing	4	308.8	Tons	13.1
Carrots, All	5	1,760	Cwt.	8.2
Dry Onions, All	8	1,800	Cwt.	5.2
SEED CROPS				
Kentucky Bluegrass	2	19,123	Lbs.	32.9
Alfalfa	4	9,760	Lbs.	8.5
Red Clover	4	1,034	Lbs.	6.0
BERRIES				
Red Raspberries	1	13,300	Lbs.	52.6
Blackberries	2	825	Lbs.	4.4
Black Raspberries	2	80	Lbs.	2.4
Cranberries	4	129	Bbbs.	5.0
Blueberries	5	4,600	Lbs.	4.0
Strawberries, All	5	168	Cwt.	2.3
LIVESTOCK				
Milk Cows 1/	14	207	Head	1.9
Eggs Produced	19	1,332,000	Eggs	1.9
Farm Chickens 2/	19	6,724	Head	1.8
Broilers Produced	19	21,879	Head	.5
Sheep and Lambs 1/	28	83	Head	.6
All Cattle and Calves 1/	29	1,580	Head	1.4
Hogs and Pigs 2/	36	60	Head	.1

1/ January 1, 1982 Inventory. 2/ December 1, 1981 Inventory.

1981 SEASON REVIEW

Fall seeding of the 1981 winter wheat varieties got underway in late August 1980 and was completed in early November. As seeding was completed, fall rains came which provided an abundance of soil moisture and winter grains entered the winter with good soil moisture prospects. Winter in the Pacific Northwest during 1980-81 was one of the mildest on record. Temperatures were generally in the upper 30's with an infrequent cold spell of one or two days. Fall seeded grains, fruit, fall planted onions, and berry crops came through the winter in excellent condition. However, the only concern by the mild winter was the lack of precipitation. Snowpack in the mountains was below normal which caused some concern over the availability of irrigation water for the coming growing season.

Orchardists were busy during November and December with clean-up and rodent control. Pruning and tying of west-side bushberries was started during this period. Another major activity was the harvest of yule time crops. Other farm activities were feeding livestock, equipment repair, general maintenance, and attending farm meetings.

After the Christmas holiday season, the harvest of rhubarb was started and western Washington bushberry growers continued the chores of pruning and tying. Fruit growers in eastern Washington were quite busy with pruning operations as extremely mild temperatures prevailed. Wheat farmers were also concerned about the mild weather as there was no snow cover in case of a sudden cold spell. The mild winter did provide excellent conditions for livestock, calving, and lambing.

The spring-like conditions still prevailed throughout March in western Washington and spring activities gained momentum. Early in March soggy fields limited fieldwork, but by the second week activities began to flourish. The plowing and disking of fields got underway as well as the start of fertilizing programs. Strawberry rows were being cut back while preparation for other berries was evident. Eastern Washington field activities moved well ahead of normal as a result of the mild temperatures. Orchard work progressed throughout the month with pruning being completed and other soil preparation and fertilization activities increased. Winter wheat continued to look good but minor evidence of stripe rust and foot rot were showing up. Norgold russet potatoes were being planted throughout March.

Cooler temperatures and abundant precipitation were received in early April. Some western Washington vegetable seedings were slightly delayed, but the harvest of cauliflower and rhubarb was being done. Blueberries were in bloom through April and strawberries and raspberries were coming to bloom towards the end of April. Normal frost protection was necessary in many orchards east of the mountains.

Fruit crops--apples, cherries, peaches, and others--had good bloom during April and early May. Asparagus cutting got underway the middle of April while potato and corn plantings continued through the month. Hop tying progressed and grape growers finished vine pruning. Prospects for dryland wheat remained excellent as above normal precipitation and cooler temperatures prevailed during April.

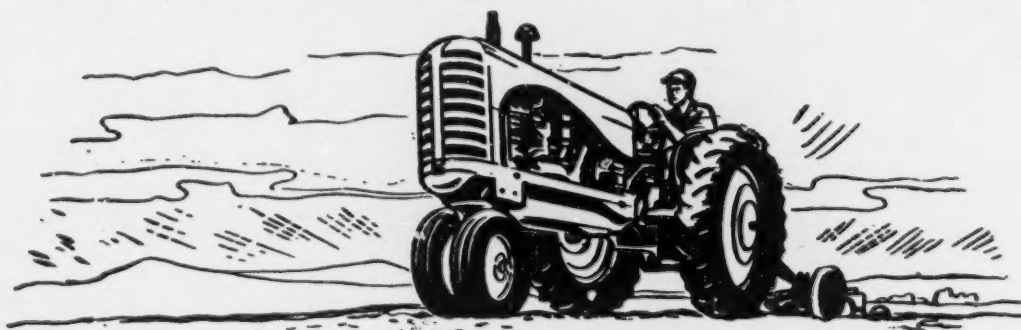
Cool, wet weather was experienced throughout most of June. This hampered the plantings of some vegetable crops on the west side. Strawberries were late maturing with some fruit rot, and other crops reflected some mildew problems. Sweet cherry harvest was in full swing and suffered split damage from rains during harvest in eastern Washington. Asparagus harvest was completed and first cutting of alfalfa had started. Again, the cereal crops benefited from the cool temperatures along with timely rains. June temperatures on the east side were much cooler than normal as some periods averaged 10 degrees below average.

July came in with warm, dry weather. Haying was active in all areas and the cultivation of field corn, onions, and dry beans was in full swing. On the west side, strawberry harvest was completed, blueberries peaked, and fresh market vegetable harvest continued. East side fruit harvest included cherries, apricots, and peaches. The early potato--Norgolds--harvest was started. Mint was cut, as well as the harvest of green peas, dry onions, sweet corn, and tomatoes. Alfalfa hay production moved well into second cutting. Also, harvesting of dry peas and grass seeds was started. By the end of July, winter wheat harvest was nearly one-quarter completed.

August temperatures were a complete reversal of past cooler months as record high temperatures were established at mid-month. However, the State's winter wheat crop was well on its way to a record yield output based on the previous cooler temperatures with adequate precipitation. By the end of August, over 90 percent of the wheat crop had been harvested. Farmers were still busy harvesting barley and dry peas. In the major fruit areas, Bartlett pears, plums, peaches, prunes, and early apple varieties were picked. Potato harvest was in full swing, as well as mint, hops, and dry beans.

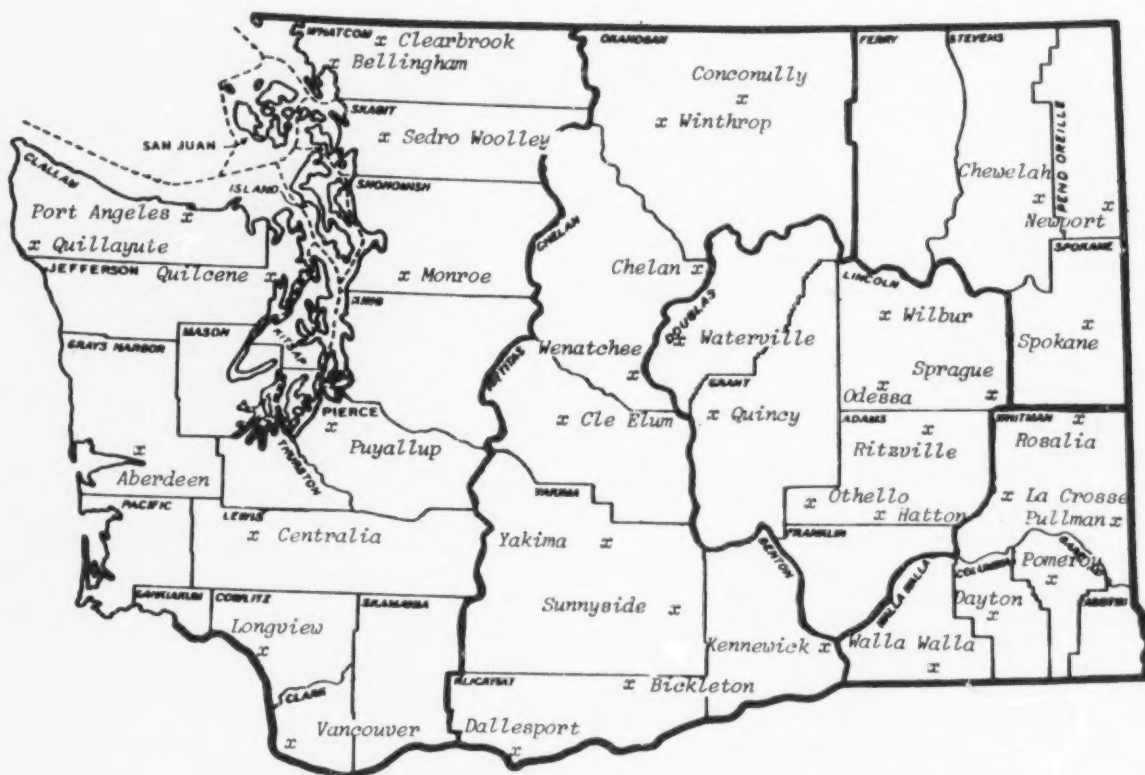
By late September, Red Delicious apple harvest got underway with smaller sized apples being picked. Grapes reached maturity and harvest began. With the cooler fall temperatures, potato growers were busy moving the important Russet Burbank crop to storages during late September and October. A wide assortment of other crops were being harvested: dry beans, mint, sweet corn, lima beans, and hops. Grain harvest was completed during September, but many had turned their attention to seeding next year's crop. Lack of rain and depleted soiled moisture caused some growers to delay fall seeding of the winter wheat crop. By month's end, over 50 percent of the 1982 crop was seeded. Also, some final hay cutting took place.

By November, the 1981 farming cycle neared its end. Harvest of most crops was completed as well as the seeding of next year's wheat crop. Some grain corn was left to be picked along with carrots still being harvested for processors. Again, farmers were looking at the winter chores of marketing, bookkeeping, and farm maintenance.



WEATHER STATIONS

This is the second year the Washington Crop and Livestock Reporting Service has included weather data in the annual bulletin. The map below shows the approximate location of the reported stations. These stations were selected on the basis of the availability of data from the National Oceanic and Atmospheric Administration with care taken to insure geographic representation of agriculture across the State.



TEMPERATURES: AVERAGE & DEPARTURES FROM NORMAL, WASHINGTON, 1981

Station	January		February		March		April		May		June	
	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.
WEST												
Aberdeen	44.4	4.7	43.8	.9	47.5	3.4	48.2	.1	52.9	-.3	56.3	-1.1
Bellingham	43.1	6.5	42.7	1.9	47.3	4.4	49.1	1.5	55.2	1.7	57.5	-.9
Centralia	41.9	3.0	44.0	1.3	48.2	3.2	50.2	.3	55.6	-.3	59.3	-1.3
Clearbrook	42.7	8.0	41.0	.9	46.5	3.6	48.4	.3	54.8	.8	56.9	-2.1
Longview	43.4	5.2	43.6	1.3	48.2	3.6	50.2	.8	54.8	-.2	58.8	-1.0
Monroe	44.1	6.1	43.4	1.3	49.0	4.5	49.9	.1	55.6	.0	58.9	-1.6
Port Angeles	44.6	6.1	43.5	2.1	47.2	4.3	47.9	.8	M		55.3	-1.0
Puyallup	42.0	3.6	43.3	.9	48.4	4.1	49.5	.0	54.7	-.7	58.2	-2.1
Quillayute	45.3	6.6	43.7	2.3	46.6	4.5	46.8	1.0	51.1	.1	54.2	-1.0
Sedro Woolley	43.7	6.1	42.2	.5	48.5	4.3	48.9	-.2	55.2	.3	57.3	-2.2
Vancouver	41.0	2.6	41.8	-1.3	46.6	.5	48.6	-2.7	54.2	-3.0	58.3	-3.8
CENTRAL												
Bickleton	33.9	6.4	32.4	-1.1	41.9	4.3	44.2	-.5	50.2	-2.4	54.9	-4.2
Chelan	35.5	10.1	34.6	2.3	44.4	4.1	48.8	-1.1	57.8	-1.2	61.2	-4.6
Cle Elum	35.5	9.5	33.8	1.1	41.8	3.8	45.6	.4	52.1	-.9	56.3	-3.1
Conconully	31.2	10.2	30.8	2.1	40.9	5.5	45.7	.2	52.7	-1.8	56.1	-4.7
Dallesport	40.9	8.1	40.0	.3	47.8	2.6	52.1	-.2	60.4	.5	64.5	-1.7
Kennewick	37.9	5.7	40.2	.6	48.4	2.4	54.3	.3	59.8	-2.3	65.4	-3.3
Sunnyside	38.1	7.6	38.9	1.0	49.3	5.3	52.6	.7	59.4	-.6	63.9	-2.6
Wenatchee	38.8	12.2	38.0	4.1	48.5	6.1	52.1	.4	60.6	.3	64.6	-2.4
Winthrop	30.6	12.6	29.6	3.2	41.7	6.7	45.2	-1.1	53.3	-1.4	56.7	-4.4
Yakima	39.9	12.4	39.3	3.6	47.7	5.9	49.7	.2	56.8	-1.1	61.8	-2.7
NORTHEAST												
Chewelah	33.7	10.8	35.3	5.3	43.2	5.7	46.2	-.3	54.4	-.3	57.3	-3.5
Newport	32.9	8.6	33.5	2.9	41.2	5.4	45.6	.9	53.4	.4	57.1	-2.3
Spokane	32.8	7.4	33.9	1.7	40.9	3.4	45.7	-.4	52.0	-2.7	57.0	-4.5
EAST CENTRAL												
Hatton	36.6	8.6	38.2	2.4	45.0	3.6	49.3	.3	56.1	-.7	63.1	-1.1
Odessa	36.4	9.1	35.7	.8	43.3	2.3	47.3	-1.7	55.0	-2.1	59.4	-4.8
Othello	35.9	8.1	36.7	1.0	45.0	2.8	47.7	-2.5	55.5	-3.3	59.9	-6.0
Quincy	37.2	12.4	36.5	3.0	45.8	4.8	49.4	-.7	58.0	-1.1	61.9	-3.9
Ritzville	35.8	9.3	35.3	1.5	43.2	3.3	45.2	-2.5	53.6	-2.1	57.0	-5.9
Sprague	34.2	7.7	34.6	.8	42.6	3.2	45.3	-2.0	53.3	-2.0	56.6	-5.5
Waterville	32.2	10.2	29.2	.2	41.8	6.1	45.5	.5	53.7	.3	57.6	-1.9
Wilbur	33.7	9.1	32.9	1.5	41.4	3.5	44.0	-2.3	52.4	-2.2	55.4	-5.8
SOUTHEAST												
Dayton	36.6	5.0	39.2	1.3	45.3	2.8	49.1	-.3	56.0	-.6	59.2	-3.8
La Crosse	36.9	7.6	37.5	.9	43.7	2.2	48.0	-.5	54.8	-.8	59.8	-2.8
Pomeroy	37.1	5.8	38.8	1.3	45.5	3.6	50.3	1.4	55.8	-.3	61.4	-1.3
Pullman	35.8	7.8	35.2	1.1	41.7	3.4	45.1	-.9	51.2	-2.1	54.8	-4.4
Rosalia	34.4	7.5	35.0	1.7	43.2	5.1	45.2	-.9	51.1	-2.3	53.9	-5.5
Walla Walla	37.9	4.5	40.7	.5	48.6	3.0	53.9	1.1	59.0	-1.3	64.4	-2.8

M = Missing
- = No Record

TEMPERATURES: AVERAGE & DEPARTURES FROM NORMAL, WASHINGTON, 1981

Station	July		August		September		October		November		December		Annual	
	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.
WEST:														
Aberdeen	59.2	-1.3	63.4	2.6	59.2	.1	51.1	-1.5	46.6	1.0	42.0	.5	51.2	.7
Bellingham	63.0	1.2	66.0	4.9	59.8	2.7	50.1	.0	47.4	4.1	40.7	1.6	51.8	2.4
Centralia	63.8	-1.3	69.0	4.7	61.6	1.2	50.3	-2.3	47.0	2.0	41.5	.5	52.7	.9
Clearbrook	63.1	.5	65.3	3.5	58.7	1.1	49.3	-.8	45.7	3.4	38.0	.3	50.9	1.7
Longview	64.0	-.4	68.3	4.0	62.4	1.7	52.1	-.8	47.1	2.0	41.8	1.2	52.9	1.5
Monroe	64.8	.3	68.4	4.3	60.8	1.2	49.9	-2.4	47.1	2.7	40.2	.0	52.7	1.4
Port Angeles	59.4	.0	63.1	4.1	57.0	.4	49.5	-.7	45.5	1.6	41.5	.9	-	-
Puyallup	63.2	-1.0	67.2	3.8	60.5	1.5	50.0	-1.7	45.9	2.0	40.8	.5	52.0	.9
Quillayute	58.1	-.9	61.3	2.5	56.8	.0	49.3	-1.4	45.8	1.7	41.0	.4	50.0	1.3
Sedro Woolley	62.2	-.5	65.2	2.7	59.2	.8	49.4	-2.0	47.1	3.1	40.5	.8	51.6	1.1
Vancouver	62.6	-4.2	66.5	.0	60.2	-2.6	50.3	-4.0	46.8	.9	42.0	1.0	51.6	-1.4
CENTRAL:														
Bickleton	63.2	-4.2	71.0	4.7	59.7	-.2	46.9	-1.7	39.3	2.6	30.9	-.1	47.4	.3
Chelan	69.3	-3.4	75.1	4.1	62.6	.0	48.3	-2.0	39.9	2.1	29.7	-.1	50.6	.9
Cle Elum	63.6	-2.7	69.1	4.4	57.9	.3	45.7	-1.0	38.2	2.1	29.7	-.1	47.4	1.1
Conconully	65.4	-1.7	72.3	6.7	58.8	.5	44.7	-1.5	37.1	3.6	26.5	1.2	46.9	1.7
Dallesport	71.8	-.6	76.2	4.6	65.3	.0	51.6	-2.0	43.0	.6	37.9	1.3	54.3	1.1
Kennewick	72.7	-2.1	76.0	3.7	64.8	.2	51.8	-1.5	43.2	1.2	35.2	-.6	54.1	.3
Sunnyside	70.1	-1.9	74.4	4.4	64.1	.9	50.8	-1.2	43.0	2.4	32.3	-1.5	53.1	1.2
Wenatchee	72.1	-1.5	77.1	5.2	65.1	1.4	50.9	.1	42.3	3.6	32.6	1.4	53.6	2.6
Winthrop	65.1	-2.4	69.3	3.4	58.2	-.1	44.8	-1.6	35.7	3.2	19.6	-2.5	45.8	1.3
Yakima	69.0	-1.7	73.1	4.5	61.6	.3	48.8	-1.3	41.2	2.8	30.2	-1.1	51.6	1.8
NORTHEAST:														
Chewelah	65.6	-.8	70.3	5.6	59.1	2.1	45.7	-.4	37.8	3.0	28.4	.8	48.1	2.3
Newport	65.8	.2	69.8	6.0	58.2	2.0	43.3	-2.3	36.6	2.3	28.8	.8	47.2	2.1
Spokane	65.1	-4.6	71.5	3.5	59.7	.1	45.9	-1.9	39.9	4.4	29.7	.7	47.8	.5
EAST CENTRAL:														
Hatton	70.1	-1.5	74.8	5.3	63.5	1.6	49.3	-.8	41.2	2.9	31.9	.2	51.6	1.7
Odessa	66.0	-5.2	68.9	-.3	57.4	-4.2	M		37.1	-.6	26.6	-4.4	-	-
Othello	66.8	-6.0	71.4	.7	60.8	-2.3	47.9	-3.1	40.5	1.9	30.7	-.8	49.9	-.8
Quincy	68.2	-4.7	72.4	1.4	61.2	-1.8	47.9	-2.3	41.1	4.2	28.7	.2	50.7	1.0
Ritzville	66.4	-4.2	71.6	2.6	60.3	-1.3	45.9	-3.8	40.4	3.3	29.5	-.8	48.7	.0
Sprague	65.4	-3.9	71.1	3.9	59.9	.3	45.0	-3.5	M		M		-	-
Waterville	64.7	-2.1	71.2	5.8	59.3	1.0	44.6	-1.8	35.5	1.7	25.6	.3	46.7	1.6
Wilbur	64.0	-4.0	69.5	3.3	58.5	-.3	45.0	-2.7	37.3	1.4	27.2	-1.5	46.8	.0
SOUTHEAST:														
Dayton	68.8	-1.9	74.0	4.9	63.2	1.4	50.1	-1.3	44.0	3.3	36.8	1.8	51.9	1.1
La Crosse	67.7	-2.4	72.1	3.8	61.0	.2	48.6	-1.5	41.9	2.9	33.7	.7	50.5	.9
Pomeroy	69.6	-.5	74.4	5.8	63.4	1.9	50.3	-.9	43.1	2.8	37.2	2.7	52.2	1.8
Pullman	62.0	-4.8	67.9	1.9	58.5	-.7	45.5	-3.8	42.5	4.6	32.4	.6	47.7	.2
Rosalia	63.3	-3.4	69.5	3.8	58.1	-.2	45.3	-2.7	41.8	4.9	31.7	1.1	47.7	.7
Walla Walla	72.7	-2.9	78.0	4.4	66.9	1.2	53.4	-1.0	45.5	2.8	38.2	1.2	54.9	.9

M = Missing
- = No Record

PRECIPITATION: TOTAL & DEPARTURES FROM NORMAL, WASHINGTON, 1981

Station	January		February		March		April		May		June	
	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.
WEST												
Aberdeen	3.74	-8.82	12.99	3.29	6.11	-2.29	12.23	6.60	3.75	.46	5.04	2.55
Bellingham	1.98	-2.03	4.87	1.68	2.63	-.15	4.89	2.35	2.38	.44	4.13	2.43
Centralia	2.61	-4.29	7.56	2.52	4.37	-.02	4.52	1.55	2.33	.38	3.20	1.40
Clearbrook	1.61	-3.68	4.66	-.02	4.03	.01	4.99	1.64	2.71	.04	8.30	6.05
Longview	1.64	-4.69	5.53	.73	3.79	-.64	7.82	.74	2.59	.15	4.33	2.31
Monroe	2.99	-3.34	4.97	-.04	3.16	-1.13	5.30	1.75	3.93	1.04	3.94	1.44
Port Angeles	.40	-3.61	3.25	.32	.78	-1.26	2.47	1.14	1.87	.93	1.40	.49
Puyallup	2.62	-3.20	5.98	1.57	2.95	-.79	3.38	.63	1.86	.00	3.32	1.65
Quillayute	4.49	-10.11	11.03	-.92	11.66	.87	12.65	4.50	4.80	.09	8.50	5.00
Sedro Woolley	2.08	-3.41	5.34	.84	3.93	-.12	7.64	4.14	2.76	.14	4.48	2.05
Vancouver	1.93	-4.39	4.58	.21	2.91	-.77	2.66	.26	3.90	1.72	3.45	1.63
CENTRAL												
Bickleton	1.00	-1.13	1.46	-.12	.06	-1.03	.20	-.56	1.51	.66	.71	-.09
Chelan	1.83	.47	2.63	1.58	.14	-.64	.03	-.85	1.59	.75	.76	-.13
Cle Elum	.70	-2.81	3.98	1.45	.25	-1.64	1.44	.13	1.84	.89	1.36	.59
Conconully	1.29	-.34	2.43	1.17	.55	-.61	.23	-.91	2.96	1.45	.58	-1.04
Dallesport	1.50	-1.13	2.80	1.24	.32	-.72	.26	-.23	.57	.04	1.39	.93
Kennewick	.50	-.61	.77	.06	.83	.32	.12	-.37	.90	.26	.87	.23
Sunnyside	.44	-.49	.39	-.22	.08	-.31	T	-.49	.33	-.23	.44	-.24
Wenatchee	1.39	.17	.90	-.06	.03	-.55	.46	-.16	1.95	1.29	.59	-.10
Winthrop	1.09	-1.06	2.41	.89	.38	-.41	.16	-.68	2.14	1.06	.50	-.64
Yakima	.95	-.38	.65	-.13	.10	-.48	.01	-.50	.68	.13	.39	-.34
NORTHEAST												
Chewelah	1.20	-1.25	3.36	1.66	1.65	.08	2.22	.87	2.77	.90	1.86	.29
Newport	1.19	-2.56	3.54	.93	1.56	-.80	2.67	.79	2.21	.02	4.68	2.67
Spokane	1.00	-1.47	1.41	-.27	1.57	.04	.85	-.27	2.02	.56	1.92	.56
EAST CENTRAL												
Hatton	.36	-.90	.82	-.10	1.09	.31	.56	-.22	1.08	.17	.82	-.01
Odessa	.56	-.78	1.32	.41	1.20	.36	.22	-.48	1.47	.38	.70	-.22
Othello	.47	-.71	.73	-.10	.63	.05	.24	-.33	1.32	.64	.48	-.25
Quincy	1.01	.05	1.03	.25	.22	-.39	T	-.69	1.38	.67	.77	.03
Ritzville	.41	-1.01	1.03	-.06	1.28	.37	.74	-.12	1.76	.65	.70	-.39
Sprague	.83	-1.23	1.41	.09	1.77	.54	.86	-.20	1.65	.37	1.42	.36
Waterville	1.76	.34	1.47	.51	.03	-.70	.10	-.71	2.58	1.47	.78	-.39
Wilbur	.47	-1.08	1.31	.26	.95	.04	.32	-.57	2.09	.79	1.19	.08
SOUTHEAST												
Dayton	.81	-1.71	2.48	.76	1.52	-.31	2.02	.51	1.95	.36	2.17	.70
La Crosse	.82	-1.03	1.44	.20	1.89	.80	1.18	.20	1.67	.63	1.39	.34
Pomeroy	.67	-1.48	2.07	.60	1.78	.44	1.46	.22	1.64	.29	2.34	.96
Pullman	1.04	-1.75	3.31	1.25	2.30	.46	2.22	.67	1.72	.19	2.78	1.13
Rosalia	1.34	-.90	2.39	.81	1.55	.02	2.11	.77	1.82	.22	1.90	.40
Walla Walla	.90	-1.17	3.19	1.79	2.89	1.52	1.37	-.06	2.07	.49	2.47	1.29

T = Trace

PRECIPITATION: TOTAL & DEPARTURES FROM NORMAL, WASHINGTON, 1981

Station	July		August		September		October		November		December		Annual	
	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.
WEST														
Aberdeen	1.17	-.07	.66	-1.26	7.36	3.80	11.10	3.01	10.45	-.80	15.82	2.44	90.42	8.91
Bellingham	2.44	1.43	.58	-.80	2.21	.13	5.45	1.60	3.20	-1.14	5.14	.61	39.90	6.55
Centralia	.39	-.38	.33	-.95	3.15	1.15	6.87	2.19	6.75	.02	10.19	2.94	52.27	6.51
Clearbrook	1.87	.43	.58	-1.43	2.57	-.49	7.27	1.94	5.94	.20	4.84	-1.34	49.37	3.35
Longview	.35	-.42	.13	-1.28	3.15	1.15	5.97	1.36	5.03	-1.43	8.43	1.11	44.76	-.91
Monroe	1.67	.52	.43	-1.13	4.58	1.93	7.03	2.28	4.79	-1.71	7.93	1.28	50.72	2.89
Port Angeles	.48	-.01	.13	-.60	2.16	.96	2.94	.26	3.06	-.73	6.58	2.61	25.52	.50
Puyallup	1.05	.29	.62	-.54	3.06	1.14	5.81	1.93	4.56	-1.15	7.14	1.11	42.35	2.64
Quillayute	1.43	-.93	1.24	-1.51	5.18	.02	15.32	3.74	14.04	.20	14.72	-.88	105.06	.07
Sedro Woolley	2.50	1.12	.14	-1.72	3.11	-.06	5.75	.65	3.44	-2.29	6.22	.13	47.39	1.47
Vancouver	.49	-.04	.09	-.82	2.33	.55	4.06	.30	4.40	-1.62	8.91	2.45	39.71	-.52
CENTRAL														
Bickleton	.13	-.11	.00	-.24	1.06	.68	1.03	.00	2.32	.12	4.83	2.58	14.31	.76
Chelan	.59	.33	.07	-.37	.65	.19	1.30	.37	1.84	.30	2.20	.72	13.63	2.72
Cle Elum	.26	-.04	.51	.09	1.27	.48	1.30	-.72	2.83	-.87	6.93	3.07	22.67	.62
Conconully	1.14	.49	.17	-.93	.82	.21	2.91	1.85	2.70	.98	2.37	.57	18.15	2.89
Dallesport	.03	-.07	T	-.32	1.06	.70	.89	-.24	2.27	.04	5.72	3.34	16.81	3.58
Kennewick	.13	-.05	.06	-.15	.57	.24	.30	-.39	.92	-.11	1.47	.42	7.44	-.15
Sunnyside	.15	-.04	T	-.24	.83	.49	.97	.30	1.24	.39	2.08	1.22	6.95	.14
Wenatchee	.62	.47	.18	-.31	.39	.04	.51	-.19	1.74	.52	2.30	.99	11.06	2.11
Winthrop	1.18	.61	.14	-.50	1.27	.76	1.75	.85	2.38	.38	3.48	.92	16.88	2.18
Yakima	.29	.13	.09	-.16	.59	.28	1.16	.58	1.36	.29	2.38	1.23	8.65	.65
NORTHEAST														
Chewelah	1.79	1.11	.15	-.68	.97	-.05	2.19	.48	1.90	-.54	3.39	.65	23.45	3.52
Newport	1.34	.59	.02	-.99	1.18	-.35	2.77	.00	2.04	-1.66	4.69	.95	27.89	-.41
Spokane	.51	.11	.04	-.54	.59	-.24	1.53	.11	.96	-1.24	2.51	.14	14.91	-2.51
EAST CENTRAL														
Hatton	.22	-.01	.16	-.11	.52	.06	.93	-.13	1.01	-.31	1.97	.74	9.54	-.51
Odessa	.22	-.11	.02	-.27	.58	.05	1.11	.24	.80	-.57	1.99	.76	10.19	-.23
Othello	.17	-.02	.00	-.15	.53	.14	.59	-.19	.69	-.32	1.50	.51	7.35	-.73
Quincy	.37	.13	.07	-.20	.78	.40	1.10	.45	1.22	.14	2.91	.97	9.96	1.81
Ritzville	.07	-.26	.09	-.26	.55	-.02	.99	-.15	.83	-.69	2.24	.79	10.69	-1.15
Sprague	.24	-.14	.08	-.46	.55	-.19	1.28	-.11	.89	-1.09	2.26	.33	13.24	-1.73
Waterville	.71	.45	.20	-.46	.51	-.01	1.36	.50	1.71	.22	2.22	.65	13.43	1.87
Wilbur	.61	.18	.02	-.49	.46	-.19	1.21	.12	.94	-.66	1.77	.20	11.34	-1.32
SOUTHEAST														
Dayton	.43	.01	.08	-.37	.67	-.27	2.77	1.00	2.41	.00	3.94	1.25	21.25	1.93
La Crosse	.51	.21	.02	-.44	.62	-.10	1.58	.39	1.56	-.16	3.18	1.29	15.86	2.33
Pomeroy	.64	.24	.05	-.44	.71	-.18	1.64	.23	1.94	.08	2.64	.49	17.58	1.45
Pullman	.71	.26	.16	-.48	.64	-.50	2.34	.51	2.30	-.36	4.31	1.54	23.83	2.92
Rosalia	.61	.19	.03	-.64	.67	-.37	1.66	.01	1.66	-.56	3.20	.96	18.94	.91
Walla Walla	.69	.36	.03	-.42	.84	-.01	2.42	.93	2.47	.58	3.16	1.19	22.50	6.49

T = Trace

NURSERY AND GREENHOUSE PRODUCTS INCREASE

Nursery and greenhouse products are estimated as a composite group for the first time in this year's annual. The aggregate value of production was 97 million dollars for 1981, an increase of 8 percent from 1980. Nursery products account for one-third of the total followed by foliage and flowering plants and bedding plants.

The value of production includes the value of these items grown during 1981. The increase in value for plants imported into the State as additional growth is included in the value of production (the value of the imported plants or nursery stock has been deducted).

A number of items associated with nursery and greenhouses are excluded from the value of production. These items include chemicals and fertilizers, landscaping equipment, lawn tools, and services provided by nurseries and greenhouses. Christmas trees are considered a forest product and are also excluded from these data.

NURSERY AND GREENHOUSE PRODUCTS: VALUE OF PRODUCTION, WASHINGTON, 1979 - 1981

Product	1979	1980	1981
	<i>Million Dollars</i>		
Nursery Products.	25.1	28.7	32.7
Foliage and Flowering Plants.	23.5	26.7	27.7
Bedding Plants.	12.4	14.0	14.1
Cut Flowers	8.0	9.0	9.0
Bulbs	4.9	5.6	7.2
Sod	5.0	5.8	6.1
Other	.1	.2	.2
Total	79.0	90.0	97.0

MUSHROOMS: AREA, PRODUCTION, PRICE, AND VALUE, WASHINGTON, 1979 - 1981

Crop Year	Area in Production				Production	Price Per Pound	Value of Production
	First Filling	Second Filling	Additional Filling	Total			
	<i>000 Sq. Ft.</i>				<i>000 Lbs.</i>	<i>Dollars</i>	<i>000 Dollars</i>
1979	435	435	870	1,740	3,380	1.09	3,671
1980	345	345	756	1,446	4,038	1.17	4,713
1981	414	347	347	1,108	4,705	1.29	6,079

FIELD CROPS

Winter grain seeding began in August 1980 with low soil moisture, but by its completion in November, rains were received providing abundant soil moisture. Winter in the Pacific Northwest was one of the mildest on record with winterkill non-existent.

Spring seeding got underway in March, but was slowed by wind, rain, and cold temperatures. By mid-June, all spring crops had been seeded as warmer days were experienced.

By late July, harvest of fall seeded grain got underway and continued until the harvest of grain corn was complete. Overall, the value of the 1981 field crops was down fractionally from 1980 in spite of the increase in harvested acreage.

Wheat growers set a new State production record for the second year in a row. This was accomplished in spite of an overall acreage decline. Winter wheat, accounting for 96 percent of total wheat production, was the reason for the record as both acreage and yield increased from a year earlier. Spring wheat acreage and yield were substantially below 1980. Following a cool spring, temperatures improved in early July and periodic rains maintained soil moisture. Harvest got underway in mid-July and progressed rapidly as August warmed. Common problems experienced included aphids, stripe rust, and leaf rust. Country houses, mills and elevators were pushed for storage space due to the abundance of production.

Barley growers produced the second record crop for the State in as many years. Increased acreage more than offset the 17 bushel decline in average yield to establish this new record. As crop development progressed, the number of reports of leaf rust, stripe rust, yellow dwarf virus and mildew increased. Thus, yield prospects declined as harvest progressed throughout the State.

Oat producers began fieldwork later than normal this year due to wet conditions. However, as the cool temperatures continued, some diseases were promoted and aphids were able to flourish. By September, harvest was well along with yields below 1980.

Corn seeding was slowed throughout the state by untimely rains. Cool, wet weather hampered crop development during July. Harvest was later than normal but some silage was cut in September. Grain corn harvest became active in October and continued into December.

Potato acreage increased significantly in 1981. Yields were down from the previous year's record high and quality was slightly below normal.

Dry bean acreage increased for the fourth consecutive year. A new State production record was set for the second year in a row.

Dry pea acreage and production were both down from a year earlier. An extended bloom was realized which continued into July. Harvest was completed in early September under excellent conditions.

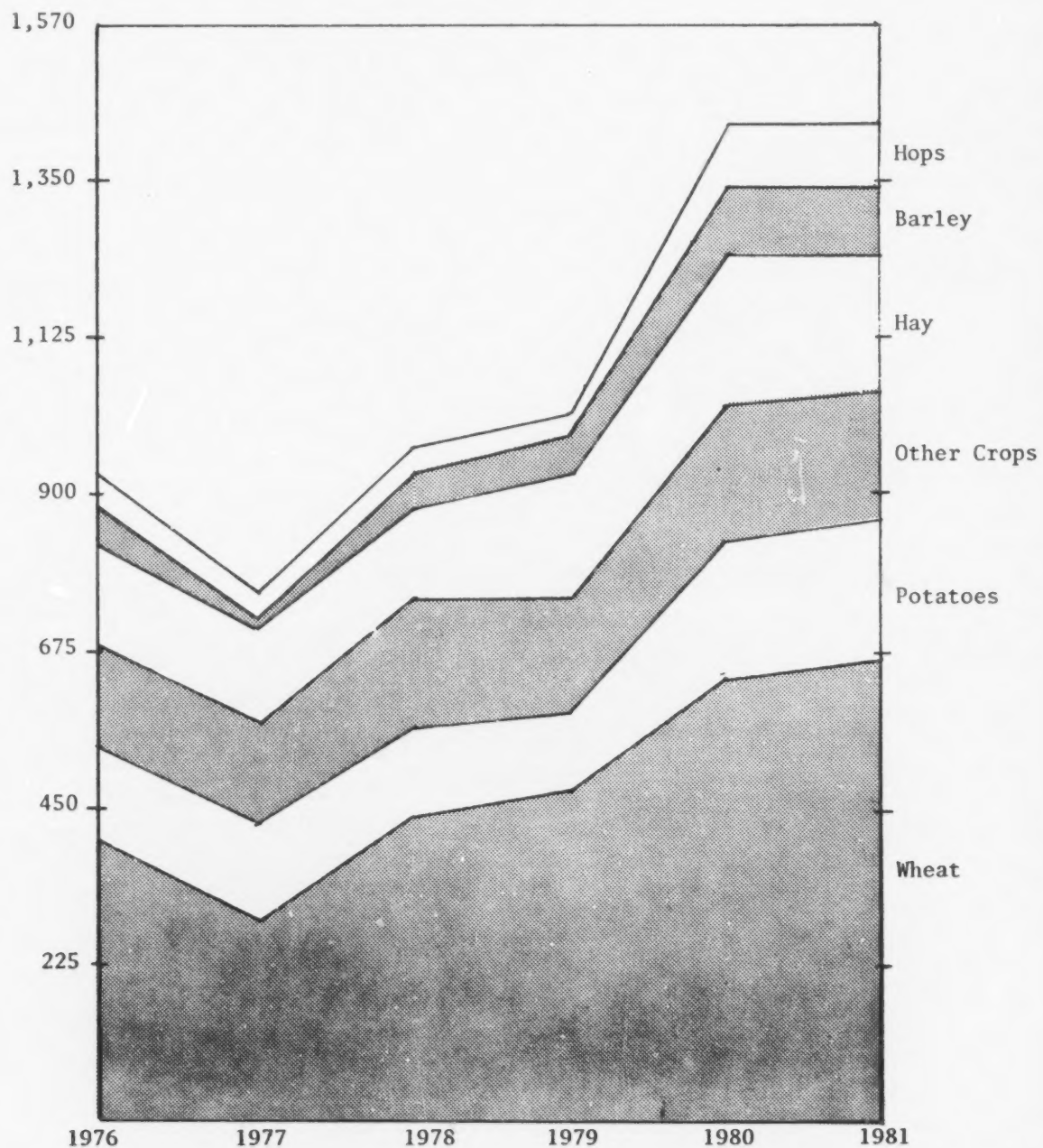
Lentil seeding started in early March but was delayed during April and May due to intermittent rains. The quality of the crop was considered excellent.

Hop production surpassed the previous State record as increased acreage had a pronounced affect. Harvest peaked in September under excellent conditions.

Hay growers in Washington took advantage of the warm, dry weather late in the season to put up an extra cutting. Production of all hay was slightly below last year.

FIELD CROPS: VALUE OF PRODUCTION, BY SELECTED COMMODITIES,
WASHINGTON, 1976 - 1981

(\$ Million)



CROPS: ACREAGE, PRODUCTION, AND VALUE, WASHINGTON, 1979 - 1981

Crop and Year	Acreage		Yield Per Acre	Unit	Production	Average Price Per Unit	Value of Production
	Planted	Harvested					
	000 Acres				000 Units	Dollars	000 Dollars
WHEAT, WINTER							
1979	2,850	2,200	43.0	Bu.	94,600		
1980	2,900	2,750	52.0	Bu.	143,000		
1981	2,950	2,830	57.0	Bu.	161,310		
WHEAT, SPRING							
1979	800	780	30.0	Bu.	23,400		
1980	420	410	42.0	Bu.	17,220		
1981	230	220	32.0	Bu.	7,040		
WHEAT, ALL							
1979	3,650	2,980	39.6	Bu.	118,000	3.90	460,200
1980	3,320	3,160	50.7	Bu.	160,220	3.98	637,676
1981	3,180	3,050	55.2	Bu.	168,350	3.95	664,983
BARLEY							
1979	330	315	54.0	Bu.	17,010	2.54	43,205
1980	450	430	75.0	Bu.	32,250	2.91	93,848
1981	800	760	58.0	Bu.	44,080	2.50	110,200
OATS							
1979	69	33	53.0	Bu.	1,749	1.70	2,973
1980	75	30	62.0	Bu.	1,860	2.10	3,906
1981	72	32	50.0	Bu.	1,600	2.15	3,440
CORN FOR GRAIN 1/							
1979	148	97	123.0	Bu.	11,931	2.93	34,958
1980	145	88	125.0	Bu.	11,000	3.84	42,240
1981	160	103	125.0	Bu.	12,875	3.10	39,913
CORN FOR SILAGE							
1979		50	22.0	Tons	1,100	19.00	20,900
1980		57	21.0	Tons	1,197	23.00	27,531
1981		57	22.0	Tons	1,254	23.50	29,469
DRY BEANS							
1979	41	40	20.00	Cwt.	800	24.00	19,200
1980	55	54	20.00	Cwt.	1,080	27.50	29,700
1981	70	69	20.00	Cwt.	1,380	19.30	26,634
DRY EDIBLE PEAS							
1979	86	85	15.70	Cwt.	1,335	10.40	13,884
1980	75	72	25.50	Cwt.	1,836	9.80	17,993
1981	67	65	22.00	Cwt.	1,430	10.30	14,729
LENTILS							
1979	123	120	10.00	Cwt.	1,200	29.30	35,160
1980	170	163	10.00	Cwt.	1,630	26.60	43,358
1981	148	146	10.50	Cwt.	1,533	14.80	22,688
POTATOES							
1979	102	102	475	Cwt.	48,450	2.55	123,548
1980	87	87	505	Cwt.	43,935	4.40	193,314
1981	108	108	490	Cwt.	52,920	3.95	209,034
HOPS							
1979		22.3	1,800	Lbs.	40,140	.958	38,454
1980		26.9	2,080	Lbs.	55,952	1.540	86,166
1981		31.3	1,900	Lbs.	59,470	1.500	89,205
ALFALFA HAY							
1979		503	3.60	Tons	1,811		
1980		505	3.70	Tons	1,869		
1981		500	3.70	Tons	1,850		
OTHER HAY							
1979		350	1.95	Tons	683		
1980		360	2.10	Tons	756		
1981		355	1.95	Tons	692		
ALL HAY							
1979		853	2.92	Tons	2,494	73.50	183,309
1980		865	3.03	Tons	2,625	82.50	216,563
1981		855	2.97	Tons	2,542	67.50	171,585
PEPPERMINT							
1979		14.0	60	Lbs.	840	9.10	7,644
1980		11.6	69	Lbs.	800	8.50	6,800
1981		8.3	78	Lbs.	647	8.50	5,500
SPEARMINT							
1979		16.0	74	Lbs.	1,184	8.00	9,472
1980		16.0	94	Lbs.	1,504	8.70	13,085
1981		12.6	112	Lbs.	1,411	7.70	10,865
OTHER CROPS							
1979		131					19,800
1980		115					19,950
1981		128					23,450
STATE TOTAL 2/							
1979	5,585.3	4,858.3					1,012,707
1980	5,411.5	5,175.5					1,432,130
1981	5,640.2	5,425.2					1,421,695

1/ Corn planted acres is "Planted for Grain and Silage". 2/ Planted acres for State total includes harvested acreage for hops, hay, mint, and other crops.

FIELD CROPS: VALUE OF PRODUCTION PER HARVESTED ACRE, WASHINGTON, 1979 - 1981

C R O P	Value Per Acre		
	1979	1980	1981
	<i>Dollars</i>		
All Wheat	154	202	218
Barley	137	218	145
Oats	90	130	108
Corn, for Grain	360	480	388
Corn, for Silage	418	483	517
Dry Beans	480	550	386
Dry Edible Peas	163	250	227
Lentils	293	266	155
Potatoes	1,211	2,222	1,936
Hops	1,724	3,203	2,850
All Hay	215	250	201
Peppermint	546	586	663
Spearmint	592	818	862

WINTER WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
WEST								
Clark	2,400	2,300	64.0	147,200	3,400	3,000	45.0	135,000
Island	900	900	84.0	75,600	1,100	1,000	51.0	51,000
Lewis	2,700	2,500	89.0	222,500	2,300	2,000	48.0	96,000
Skagit	21,000	20,000	94.0	1,880,000	13,800	13,000	56.9	739,600
Snohomish	400	200	84.0	16,800	1,300	1,000	45.0	45,000
Whatcom	1,300	1,200	74.0	88,800	1,900	1,400	33.0	46,200
Other Counties	700	600	60.5	36,300	700	600	52.0	31,200
TOTAL	29,400	27,700	89.1	2,467,200	24,500	22,000	52.0	1,144,000
CENTRAL								
Benton	186,000	183,000	37.0	6,771,000	196,500	190,000	48.5	9,219,000
Chelan	2,700	2,300	29.0	66,700	2,500	2,300	55.0	126,500
Kittitas	5,000	4,600	61.0	280,600	7,000	6,500	67.3	437,500
Klickitat	66,000	63,000	46.0	2,898,000	80,000	77,000	51.6	3,976,000
Okanogan	12,000	11,000	39.0	429,000	19,000	18,200	45.0	819,000
Yakima	74,000	70,000	67.0	4,690,000	73,500	70,000	72.5	5,078,000
TOTAL	345,700	333,900	45.3	15,135,300	378,500	364,000	54.0	19,656,000
NORTHEAST								
Ferry	2,200	2,000	66.0	132,000	2,200	2,000	65.6	131,200
Pend Oreille	200	200	62.0	12,400	1,000	800	35.0	28,000
Spokane	200,000	188,000	54.0	10,152,000	175,000	165,000	58.1	9,588,800
Stevens	14,000	12,500	52.0	650,000	9,800	9,200	56.3	518,000
TOTAL	216,400	202,700	54.0	10,946,400	188,000	177,000	58.0	10,266,000
EAST CENTRAL								
Adams	400,000	370,000	51.0	18,870,000	415,000	402,000	48.3	19,414,000
Douglas	142,000	120,000	37.0	4,440,000	287,000	275,000	50.1	13,785,000
Franklin	136,500	136,000	47.0	6,392,000	163,000	149,000	56.5	8,418,200
Grant	265,000	257,000	60.0	15,420,000	205,000	200,000	66.7	13,330,800
Lincoln	380,000	370,000	52.0	19,240,000	379,000	370,000	51.5	19,040,000
TOTAL	1,323,500	1,253,000	51.4	64,362,000	1,449,000	1,396,000	53.0	73,988,000
SOUTHEAST								
Asotin	36,000	34,700	43.0	1,492,100	33,500	30,500	60.0	1,830,000
Columbia	104,000	98,000	59.0	5,782,000	109,500	99,500	67.8	6,741,300
Garfield	80,000	77,000	49.0	3,773,000	76,000	70,000	64.1	4,486,400
Walla Walla	280,000	253,000	54.0	13,662,000	273,000	264,000	68.0	17,960,300
Whitman	485,000	470,000	54.0	25,380,000	418,000	407,000	62.0	25,238,000
TOTAL	985,000	932,700	53.7	50,089,100	910,000	871,000	64.6	56,256,000
STATE TOTAL	2,900,000	2,750,000	52.0	143,000,000	2,950,000	2,830,000	57.0	161,310,000

SPRING WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
WEST								
Lewis	500	400	40.0	16,000	800	600	32.0	19,200
Skagit	600	500	65.0	32,500	200	100	32.0	3,200
Snohomish	600	600	70.0	42,000	200	100	29.0	2,900
Other Counties	200	200	64.0	12,800	300	200	28.5	5,700
TOTAL	1,900	1,700	60.8	103,300	1,500	1,000	31.0	31,000
CENTRAL								
Benton	15,300	15,100	50.0	755,000	6,500	6,500	30.8	200,500
Chelan	700	500	28.0	14,000	500	500	19.0	9,500
Kittitas	8,400	8,300	78.0	647,400	7,000	6,500	44.9	292,000
Klickitat	2,100	2,000	43.0	86,000	4,000	4,000	25.0	100,000
Okanogan	4,000	4,000	30.0	120,000	2,000	1,500	21.2	31,800
Yakima	11,200	11,000	77.0	847,000	8,000	7,500	42.7	320,200
TOTAL	41,700	40,900	60.4	2,469,400	28,000	26,500	36.0	954,000
NORTHEAST								
Ferry	400	400	34.0	13,600	400	400	13.8	5,500
Pend Oreille	-	-	-	-	100	100	13.0	1,300
Spokane	10,400	10,000	43.0	430,000	13,000	12,000	22.3	267,800
Stevens	4,100	3,900	43.0	167,700	8,500	7,500	16.7	125,400
TOTAL	14,900	14,300	42.7	611,300	22,000	20,000	20.0	400,000
EAST CENTRAL								
Adams	51,000	50,000	44.0	2,200,000	26,000	25,000	37.9	948,500
Douglas	153,000	150,000	30.0	4,500,000	9,000	9,000	20.4	184,000
Franklin	7,100	7,000	75.0	525,000	7,500	7,000	43.9	307,000
Grant	30,500	30,000	63.0	1,890,000	52,500	51,500	38.6	1,987,500
Lincoln	56,200	55,000	42.0	2,310,000	45,000	44,000	29.4	1,292,000
TOTAL	297,800	292,000	39.1	11,425,000	140,000	136,500	34.6	4,719,000
SOUTHEAST								
Asotin	1,000	1,000	40.0	40,000	500	500	20.0	10,000
Columbia	8,200	8,100	50.0	405,000	8,000	7,500	24.0	180,000
Garfield	10,200	10,000	45.0	450,000	7,500	7,000	23.0	161,000
Walla Walla	23,300	22,000	38.0	836,000	6,500	6,000	32.5	195,000
Whitman	21,000	20,000	44.0	880,000	16,000	15,000	26.0	390,000
TOTAL	63,700	61,100	42.7	2,611,000	38,500	36,000	26.0	936,000
STATE TOTAL	420,000	410,000	42.0	17,220,000	230,000	220,000	32.0	7,040,000

ALL WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
WEST								
Clark	2,400	2,300	64.0	147,200	3,400	3,000	45.0	135,000
Island	900	900	84.0	75,600	1,100	1,000	51.0	51,000
Lewis	3,200	2,900	82.2	238,500	3,100	2,600	44.3	115,200
Skagit	21,600	20,500	93.3	1,912,500	14,000	13,100	56.7	742,800
Snohomish	1,000	800	73.5	58,800	1,500	1,100	43.5	47,900
Whatcom	1,300	1,200	74.0	88,800	1,900	1,400	33.0	46,200
Other Counties	900	800	61.4	49,100	1,000	800	46.1	36,900
TOTAL	31,300	29,400	87.4	2,570,500	26,000	23,000	51.1	1,175,000
CENTRAL								
Benton	201,300	198,100	38.0	7,526,000	203,000	196,500	47.9	9,419,500
Chelan	3,400	2,800	28.8	80,700	3,000	2,800	48.6	136,000
Kittitas	13,400	12,900	71.9	928,000	14,000	13,000	56.1	729,500
Klickitat	68,100	65,000	45.9	2,984,000	84,000	81,000	50.3	4,076,000
Okanogan	16,000	15,000	36.6	549,000	21,000	19,700	43.2	850,800
Yakima	85,200	81,000	68.4	5,537,000	81,500	77,500	69.7	5,398,200
TOTAL	387,400	374,800	47.0	17,604,700	406,500	390,500	52.8	20,610,000
NORTHEAST								
Ferry	2,600	2,400	60.7	145,600	2,600	2,400	57.0	136,700
Pend Oreille	200	200	62.0	12,400	1,100	900	32.6	29,300
Spokane	210,400	198,000	53.4	10,582,000	188,000	177,000	55.7	9,856,600
Stevens	18,100	16,400	49.9	817,700	18,300	16,700	38.5	643,400
TOTAL	231,300	217,000	53.3	11,557,700	210,000	197,000	54.1	10,666,000
EAST CENTRAL								
Adams	451,000	420,000	50.2	21,070,000	441,000	427,000	47.7	20,362,500
Douglas	295,000	270,000	33.1	8,940,000	296,000	284,000	49.2	13,969,000
Franklin	143,600	143,000	48.4	6,917,000	170,500	156,000	55.9	8,725,200
Grant	295,500	287,000	60.3	17,310,000	257,500	251,500	60.9	15,318,300
Lincoln	436,200	425,000	50.7	21,550,000	424,000	414,000	49.1	20,332,000
TOTAL	1,621,300	1,545,000	49.1	75,787,000	1,589,000	1,532,500	51.4	78,707,000
SOUTHEAST								
Asotin	37,000	35,700	42.9	1,532,100	34,000	31,000	59.4	1,840,000
Columbia	112,200	106,100	58.3	6,187,000	117,500	107,000	64.7	6,921,300
Garfield	90,200	87,000	48.5	4,223,000	83,500	77,000	60.4	4,647,400
Walla Walla	303,300	275,000	52.7	14,498,000	279,500	270,000	67.2	18,155,300
Whitman	506,000	490,000	53.6	26,260,000	434,000	422,000	60.7	25,628,000
TOTAL	1,048,700	993,800	53.0	52,700,100	948,500	907,000	63.1	57,192,000
STATE TOTAL	3,320,000	3,160,000	50.7	160,220,000	3,180,000	3,050,000	55.2	168,350,000

EASTERN WASHINGTON 1981 WHEAT PRODUCTION UP SLIGHTLY

Wheat production totaled 167 million bushels for 1981 in the counties surveyed in eastern Washington. This represents a 6 percent increase over the 1980 crop. Winter wheat increased 14 percent while spring wheat production was less than half of the 1980 production.

Common White wheat continued to dominate production with 74 percent of the total. Daws and Stephens retained their first and second positions, respectively, as the leading varieties. White Club, second ranking class, showed a 14 percent increase from 1980, with Moro still the leading variety. Hard Red Winter, the third ranking class, increased slightly from 1980 and Wanser was the predominant variety. Hard Red Spring production declined significantly from 1980. Wapum still remains the leading variety by a wide margin.

EASTERN WASHINGTON WHEAT PRODUCTION, BY CLASS, 1981 (Bushels)

County and District	WINTER WHEAT				All Common White	SPRING WHEAT			All Wheat
	All Winter	White Club	Hard Red	Common White		Common White	Hard Red	All Spring	
CENTRAL									
Benton	9,219,000	-	7,590,000	1,629,000	1,711,000	82,000	118,500	200,500	9,419,500
Chelan	126,500	11,500	12,000	103,000	107,200	4,200	5,300	9,500	136,000
Kittitas	437,500	100,000	-	337,500	538,500	201,000	91,000	292,000	729,500
Klickitat	3,976,000	870,000	300,000	2,806,000	2,905,000	99,000	1,000	100,000	4,076,000
Okanogan	819,000	188,500	9,000	621,500	652,800	31,300	500	31,800	850,800
Yakima	5,078,000	200,000	375,000	4,503,000	4,752,500	249,500	70,700	320,000	5,398,200
Total	19,656,000	1,370,000	8,286,000	10,000,000	10,667,000	667,000	287,000	954,000	20,610,000
NORTHEAST									
Ferry	131,200	-	-	131,200	136,700	5,500	-	5,500	136,700
Pend Oreille	28,000	-	-	28,000	29,300	1,300	-	1,300	29,300
Spokane	9,588,800	41,500	7,000	9,540,300	9,791,200	250,900	16,900	267,800	9,856,600
Stevens	518,000	16,500	-	501,500	612,800	111,300	14,100	125,400	643,400
Total	10,266,000	58,000	7,000	10,201,000	10,570,000	369,000	31,000	400,000	10,666,000
EAST CENTRAL									
Adams	19,414,000	11,322,000	826,000	7,266,000	8,090,900	824,900	123,600	948,500	20,362,500
Douglas	13,785,000	1,795,000	1,300,000	10,690,000	10,854,000	164,000	20,000	184,000	13,969,000
Franklin	8,418,200	2,858,200	2,400,000	3,160,000	3,417,000	257,000	50,000	307,000	8,725,200
Grant	13,330,800	3,662,800	900,000	8,768,000	10,150,100	1,382,100	605,400	1,987,500	15,318,300
Lincoln	19,040,000	5,340,000	16,000	13,684,000	14,954,000	1,270,000	22,000	1,292,000	20,332,000
Total	73,988,000	24,978,000	5,442,000	43,568,000	47,466,000	3,898,000	821,000	4,719,000	78,707,000
SOUTHEAST									
Asotin	1,830,000	91,000	-	1,739,000	1,749,000	10,000	-	10,000	1,840,000
Columbia	6,741,300	-	-	6,741,300	6,921,300	180,000	-	180,000	6,921,300
Garfield	4,486,400	99,700	-	4,386,700	4,547,700	161,000	-	161,000	4,647,400
Walla Walla	17,960,300	1,373,300	46,000	16,541,000	16,734,000	193,000	2,000	195,000	18,155,300
Whitman	25,238,000	155,000	-	25,083,000	25,462,000	379,000	11,000	390,000	25,628,000
Total	56,256,000	1,719,000	46,000	54,491,000	55,414,000	923,000	13,000	936,000	57,192,000
STATE TOTAL	160,166,000	28,125,000	13,781,000	118,260,000	124,117,000	5,857,000	1,152,000	7,009,000	167,175,000

1981 WHEAT VARIETY SURVEY

The area surveyed for the 1981 wheat crop included 20 counties in eastern Washington (refer to map). Wheat production in these counties account for 99 percent of Washington's 1981 wheat crop.

Commercial elevators and mills were surveyed for the quantity of 1981 crop wheat purchased from producers by county of production. Approximately two-thirds of the actual production was reported as the base for these estimates.

Oregon participated in this survey and surveyed 14 counties that accounted for 88 percent of their 1981 wheat crop. Northern Idaho has been included in previous surveys, but they were not funded for the 1981 crop; therefore, northern Idaho data are not available for 1981.

WHEAT PRODUCTION, BY VARIETY, EASTERN WASHINGTON

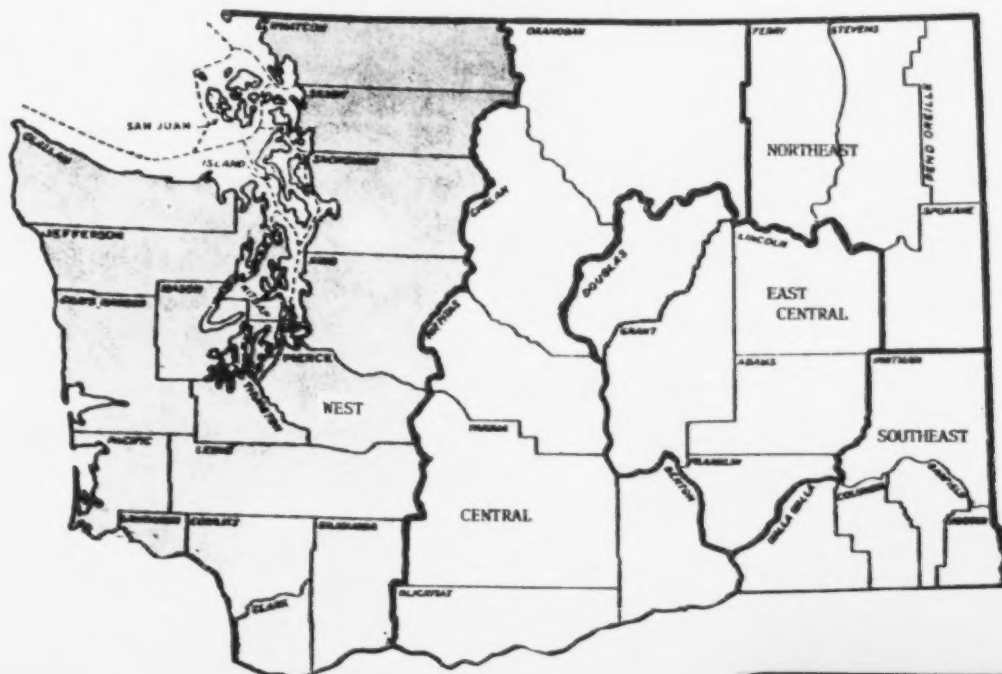
EASTERN WASHINGTON									
WINTER WHEAT					SPRING WHEAT				
Class-Variety	1979	1980	1981		Class-Variety	1979	1980	1981	
	%	%	%	Bu.		%	%	%	Bu.
COMMON WHITE, WINTER					COMMON WHITE, SPRING				
Daws	21.4	29.3	32.4	54,113,500	Fielder	9.8	4.5	1.6	2,618,000
Stephens	5.4	15.1	20.9	35,011,400	W. S. 1	.4	.4	.7	1,216,900
Gaines & Nugaines	19.6	12.3	6.9	11,460,000	Urquie	.5	1.9	.6	1,007,200
Sprague	2.2	1.9	5.1	8,547,300	Twin	3.6	1.0	.2	384,600
Luke	4.0	3.4	2.6	4,441,500	Fieldwin	1.2	.8	.1	222,000
McDermid	10.3	2.0	1.6	2,683,100	Marfed	2.5	.7	.1	220,700
Hyslop	2.5	1.3	.8	1,118,000	Dirkwin	1/	-	.1	112,000
Peck	1/	-	.4	671,400	Walladay	1/	1/	.1	67,100
Burt	1/	1/	.1	160,300	Baart	.1	1/	1/	8,500
Yamhill	-	1/	1/	32,500	Adams	1/	-	-	-
Coulee	1/	1/	1/	17,000	Idaed 59	1/	-	-	-
Golden	1/	1/	1/	4,000	Springfield	1/	-	-	-
Lenore	1/	-	-	-	Total	18.1	9.3	3.5	5,857,000
Requa	1/	-	-	-					
Total	65.4	65.3	70.8	118,260,000	HARD RED, SPRING				
WHITE CLUB, WINTER					Wampum	.1	.9	.3	507,700
Moro	3.8	10.4	9.6	16,098,700	711	1/	.1	.1	243,000
Faro	.9	2.8	3.0	4,985,100	Prostar	.1	.2	.1	134,400
Tyee	-	1/	1.7	2,867,400	Prodax	.2	.4	.1	104,300
Jacmar	1/	.3	1.0	1,746,300	Germaine 444	-	1/	1/	42,200
Paha	1.9	1.4	1.0	1,618,000	Westbred 906R	-	-	1/	33,300
Barbee	1.6	.7	.4	628,000	Prosper	1/	1/	1/	29,000
Omar	.2	.1	.1	181,500	Ward	.1	1/	1/	18,400
Elgin	1/	-	-	-	Fortuna	.7	1/	1/	15,300
Total	8.5	15.7	16.8	28,125,000	Protor	.1	1/	1/	8,000
HARD RED, WINTER					Sawtell	1/	1/	1/	7,400
Wanser	5.5	7.0	7.1	11,861,000	Nowesta	-	-	1/	4,000
McCall	.5	1.0	.9	1,560,000	Thatcher	1/	1/	1/	3,000
Kendrick	1/	.1	.1	169,000	Bannock	-	-	1/	1,000
Cheyenne	.2	1/	.1	119,000	Justin	1/	1/	1/	500
Centurk	1/	-	1/	46,000	W. S. 6	1/	1/	1/	500
Gent	-	1/	1/	26,000	Ceres	.1	1/	-	-
Turkey	.1	-	-	-	Borah	1/	1/	-	-
Kanred	1/	-	-	-	Peak	-	1/	-	-
Total	6.3	8.1	8.2	13,781,000	Peak 72	1/	-	-	-
TOTAL WINTER					Henry	-	1/	-	-
%	80.2	89.1	95.8		Anza	1/	-	-	-
Bu.	92,809,000	140,532,800	160,166,000		Kitt	1/	-	-	-
					Rival	1/	-	-	-
					W. S. 25	-	1/	-	-
					Total	1.7	1.6	.7	1,152,000
					TOTAL SPRING				
					%	19.8	10.9	4.2	
					Bu.	22,057,560	17,116,700	7,009,000	
					TOTAL ALL				
					%	100.0	100.0	100.0	
					Bu.	115,766,560	157,649,500	167,175,000	

1/ Less than .1 of a percent.

EASTERN WASHINGTON
WHEAT PRODUCTION, BY CLASS, 1980
(Bushels)

County and District	WINTER WHEAT				All Common White	SPRING WHEAT			All Wheat
	All Winter	White Club	Hard Red	Common White		Common White	Hard Red	All Spring	
CENTRAL									
Benton	6,771,000	-	5,909,000	862,000	1,133,000	271,000	484,000	755,000	7,526,000
Chelan	66,700	6,300	9,900	50,500	62,600	12,100	1,900	14,000	80,700
Kittitas	280,600	22,600	-	258,000	779,000	521,000	126,400	647,400	928,000
Klickitat	2,898,000	607,000	34,000	2,257,000	2,339,000	82,000	4,000	86,000	2,984,000
Okanogan	429,000	88,200	2,000	338,800	455,700	116,900	3,100	120,000	549,000
Yakima	4,690,000	130,000	800,000	3,760,000	4,242,400	482,400	364,600	847,000	5,537,000
Total	15,135,300	854,100	6,754,900	7,526,300	9,011,700	1,485,400	984,000	2,469,400	17,604,700
NORTHEAST									
Ferry	132,000	-	-	132,000	132,000	-	13,600	13,600	145,600
Pend Oreille	12,400	-	-	12,400	12,400	-	-	-	12,400
Spokane	10,152,000	81,000	5,000	10,066,000	10,464,000	398,000	32,000	430,000	10,582,000
Stevens	650,000	26,000	-	624,000	717,600	93,600	74,100	167,700	817,700
Total	10,946,400	107,000	5,000	10,834,400	11,326,000	491,600	119,700	611,300	11,557,700
EAST CENTRAL									
Adams	18,870,000	11,019,000	1,003,000	6,848,000	8,546,000	1,698,000	502,000	2,200,000	21,070,000
Douglas	4,440,000	1,082,000	547,000	2,811,000	7,005,000	4,194,000	306,000	4,500,000	8,940,000
Franklin	6,392,000	1,343,500	3,137,500	1,911,000	2,272,500	361,500	163,500	525,000	6,917,000
Grant	15,420,000	3,927,000	1,325,000	10,168,000	11,741,000	1,573,000	317,000	1,890,000	17,310,000
Lincoln	19,240,000	5,589,000	27,000	13,624,000	15,873,000	2,249,000	61,000	2,310,000	21,550,000
Total	64,362,000	22,960,500	6,039,500	35,362,000	45,437,500	10,075,500	1,349,500	11,425,000	75,787,000
SOUTHEAST									
Asotin	1,492,100	20,100	-	1,472,000	1,512,000	40,000	-	40,000	1,532,100
Columbia	5,782,000	-	-	5,782,000	6,187,000	405,000	-	405,000	6,187,000
Garfield	3,773,000	87,000	-	3,686,000	4,090,000	404,000	46,000	450,000	4,223,000
Walla Walla	13,662,000	572,000	96,000	12,994,000	13,827,000	833,000	3,000	836,000	14,498,000
Whitman	25,380,000	99,000	-	25,281,000	26,161,000	880,000	-	880,000	26,260,000
Total	50,089,100	778,100	96,000	49,215,000	51,777,000	2,562,000	49,000	2,611,000	52,700,100
STATE TOTAL	140,532,800	24,699,700	12,895,400	102,937,700	117,552,200	14,614,500	2,502,200	17,116,700	157,649,500

WASHINGTON
COUNTIES SAMPLED IN THE 1981 WHEAT VARIETY SURVEY



EASTERN WASHINGTON
WHEAT PRODUCTION, BY CLASS, 1979
(Bushels)

County and District	WINTER WHEAT				All Common White	SPRING WHEAT			All Wheat
	All Winter	White Club	Hard Red	Common White		Common White	Hard Red	All Spring	
CENTRAL									
Benton	5,828,000	-	5,140,000	688,000	848,400	160,400	123,600	284,000	6,112,000
Chelan	58,000	58,000	-	-	3,060	3,060	-	3,060	61,060
Kittitas	231,000	18,000	-	213,000	618,000	405,000	92,000	497,000	728,000
Klickitat	1,920,000	550,300	4,700	1,365,000	1,476,000	111,000	6,000	117,000	2,037,000
Okanogan	269,800	60,200	2,600	207,000	227,000	20,000	-	20,000	289,800
Yakima	4,630,500	885,500	420,000	3,325,000	3,971,600	646,600	229,400	876,000	5,506,500
Total	12,937,300	1,572,000	5,567,300	5,798,000	7,144,060	1,346,060	451,000	1,797,060	14,734,360
NORTHEAST									
Ferry	78,400	13,100	-	65,300	84,500	19,200	-	19,200	97,600
Pend Oreille	3,200	-	-	3,200	3,200	-	-	-	3,200
Spokane	10,125,000	51,700	-	10,073,300	10,208,500	135,200	2,300	137,500	10,262,500
Stevens	639,600	17,600	-	622,000	705,200	83,200	8,800	92,000	731,600
Total	10,846,200	82,400	-	10,763,800	11,001,400	237,600	11,100	248,700	11,094,900
EAST CENTRAL									
Adams	4,392,000	2,321,200	199,000	1,871,800	10,566,000	8,694,200	545,800	9,240,000	13,632,000
Douglas	2,622,000	354,400	242,000	2,025,600	2,469,900	444,300	91,700	536,000	3,158,000
Franklin	2,857,500	246,500	963,000	1,648,000	2,619,500	971,500	491,500	1,463,000	4,320,500
Grant	2,882,000	835,200	274,000	1,772,800	7,513,600	5,740,800	339,200	6,080,000	8,962,000
Lincoln	14,190,000	3,944,200	19,800	10,226,000	11,985,700	1,759,700	16,300	1,776,000	15,966,000
Total	26,943,500	7,701,500	1,697,800	17,544,200	35,154,700	17,610,500	1,484,500	19,095,000	46,038,500
SOUTHEAST									
Asotin	1,200,000	44,000	-	1,156,000	1,163,800	7,800	-	7,800	1,207,800
Columbia	4,800,000	9,500	-	4,790,500	4,897,500	105,000	-	105,000	4,905,000
Garfield	3,375,000	46,600	-	3,328,400	3,436,400	108,000	-	108,000	3,483,000
Walla Walla	8,648,000	196,000	-	8,452,000	9,702,600	1,250,600	3,400	1,254,000	9,902,000
Whitman	24,059,000	146,000	-	23,913,000	24,255,000	342,000	-	342,000	24,401,000
Total	42,082,000	442,100	-	41,639,900	43,453,300	1,813,400	3,400	1,816,800	43,898,800
STATE TOTAL	92,809,000	9,798,000	7,265,100	75,745,900	96,753,460	21,007,560	1,950,000	22,957,560	115,766,560

BARLEY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
WEST	Acres		Bushels		Acres		Bushels	
Clallam	1/				500	500	66.0	33,000
Clark	2,000	1,900	80.0	152,000	4,000	3,550	63.5	225,600
Island	850	850	90.0	76,500	600	500	70.0	35,000
Lewis	1,500	1,500	60.0	90,000	1,400	1,000	50.0	50,000
San Juan	600	600	55.0	33,000	700	600	60.0	36,000
Skagit	5,600	5,400	96.0	518,400	3,900	3,600	62.0	223,200
Snohomish	1/				800	700	50.0	35,000
Whatcom	1,600	1,500	70.0	105,000	1,400	900	48.0	43,200
Other Counties	1,500	1,450	70.9	102,800	700	650	60.0	39,000
TOTAL	13,650	13,200	81.6	1,077,700	14,000	12,000	60.0	720,000
CENTRAL								
Benton	2,000	1,800	100.0	180,000	6,000	4,400	92.3	406,000
Chelan	50	50	50.0	2,500	500	400	42.0	16,800
Kittitas	5,700	5,300	77.0	408,100	4,700	4,500	90.0	405,000
Klickitat	7,000	7,000	52.0	364,000	17,500	14,500	64.9	941,200
Okanogan	800	750	44.0	33,000	800	700	50.0	35,000
Yakima	9,800	9,200	97.0	892,400	12,500	11,500	93.6	1,076,000
TOTAL	25,350	24,100	78.0	1,880,000	42,000	36,000	80.0	2,880,000
NORTHEAST								
Ferry	1,100	1,000	41.0	41,000	3,000	2,400	52.0	124,800
Pend Oreille	1,000	900	56.0	50,400	1,000	600	47.0	28,200
Spokane	60,000	57,700	60.0	3,462,000	100,000	95,000	44.4	4,220,600
Stevens	12,900	12,600	50.0	630,000	16,000	12,000	48.0	576,400
TOTAL	75,000	72,200	57.9	4,183,400	120,000	110,000	45.0	4,950,000
EAST CENTRAL								
Adams	3,100	2,800	86.0	240,800	19,500	18,000	84.3	1,517,000
Douglas	1,600	1,500	81.0	121,500	11,000	10,500	50.0	525,000
Franklin	5,400	4,700	84.0	394,800	11,000	10,500	82.9	870,000
Grant	20,500	17,700	85.0	1,504,500	28,500	26,000	88.4	2,298,000
Lincoln	89,500	85,500	71.0	6,070,500	129,000	125,000	61.3	7,660,000
TOTAL	120,100	112,200	74.3	8,332,100	199,000	190,000	67.7	12,870,000
SOUTHEAST								
Asotin	17,400	15,900	75.0	1,192,500	17,500	16,100	52.0	837,200
Columbia	8,000	7,000	92.0	644,000	24,500	22,500	47.3	1,064,100
Garfield	30,800	30,300	90.0	2,727,000	49,000	47,600	55.0	2,618,000
Walla Walla	24,100	23,100	83.0	1,917,300	68,500	66,500	58.7	3,902,200
Whitman	135,600	132,000	78.0	10,296,000	265,500	259,300	54.9	14,238,500
TOTAL	215,900	208,300	80.5	16,776,800	425,000	412,000	55.0	22,660,000
STATE TOTAL	450,000	430,000	75.0	32,250,000	800,000	760,000	58.0	44,080,000

1/ Included in "Other Counties".

1982 BARLEY ACREAGE PLANTED AT RECORD LEVEL

The acreage planted to barley in Washington for 1982 is estimated at 850,000 acres, a record for the State. This year's planted acreage exceeds the previous record of 800,000 acres planted in 1981. Feed type barley varieties continue to dominate with 653,000 acres planted or 76.8 percent of the total. Malting type varieties accounted for 197,000 acres planted or 23.2 percent of the total. Steptoe, a feed barley, continued to account for the lion's share of the acreage with 63.9 percent of the total. The second leading variety was Advance, a malting barley at 19.8 percent of the total. Other feed type barley in descending order of importance were Gus (4.2%), Kombar (3.5%), Kamiak (2.7%), and Boyer (1.5%). Malting varieties of significance were Klages (1.3%), Morex (1.2%), and Vanguard (.6%).

BARLEY: ACRES PLANTED BY VARIETIES, BY CROP REPORTING DISTRICTS, WASHINGTON, 1980 - 1982

Variety and Year	West	Central	Northeast	E. Central	Southeast	State
STEPTOE						
1980	8,100	13,150	53,100	115,600	160,800	350,750
1981	4,800	15,700	55,700	167,500	179,800	423,500
1982	9,500	15,600	71,200	173,300	274,000	543,600
ADVANCE						
1980	-	-	12,500	1,200	36,500	50,200
1981	3,500	-	27,100	12,700	220,600	263,900
1982	600	2,300	18,900	25,400	120,700	167,900
GUS						
1980	-	-	-	-	-	-
1981	-	5,200	400	2,200	-	7,800
1982	-	8,100	5,900	13,700	8,300	36,000
KOMBAR						
1980	2,250	500	200	400	2,200	5,550
1981	100	11,200	2,900	6,600	3,400	24,200
1982	1,800	16,000	1,100	6,200	4,400	29,500
KAMIAK						
1980	400	-	150	1,400	3,700	5,650
1981	1,450	-	3,600	-	100	5,150
1982	600	1,300	1,900	-	19,200	23,000
BOYER						
1980	1,400	3,150	400	500	3,400	8,850
1981	3,200	-	4,800	-	2,100	10,100
1982	1,300	2,700	400	-	8,500	12,900
KLAGES						
1980	-	-	-	-	-	-
1981	-	-	-	4,300	-	4,300
1982	-	1,900	-	9,200	-	11,100
MOREX						
1980	-	-	4,200	-	-	4,200
1981	-	-	11,300	-	-	11,300
1982	-	-	10,100	-	-	10,100
VANGUARD						
1980	-	-	1,300	-	4,800	6,100
1981	-	-	2,400	-	900	3,300
1982	-	-	3,500	-	1,300	4,800
OTHER						
1980	1,500	8,550	3,150	1,000	4,500	18,700
1981	950	9,900	11,800	5,700	18,100	46,450
1982	1,200	2,100	2,000	2,200	3,600	11,100
STATE TOTAL						
1980	13,650	25,350	75,000	120,100	215,900	450,000
1981	14,000	42,000	120,000	199,000	425,000	800,000
1982	15,000	50,000	115,000	230,000	440,000	850,000

OATS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	<i>Acres</i>		<i>Bushels</i>		<i>Acres</i>		<i>Bushels</i>	
WEST								
Clark	13,000	800	80.0	64,000	11,000	1,600	56.7	90,700
Lewis	1,000	700	72.0	50,400	2,600	2,000	55.0	110,000
Skagit	3,200	500	104.0	52,000	2,500	450	40.0	18,000
Snohomish	1,500	100	100.0	10,000	1,200	200	51.0	10,200
Whatcom	5,000	1,000	105.0	105,000	4,000	1,000	50.0	50,000
Other Counties	1,400	200	87.5	17,500	1,700	750	52.1	39,100
TOTAL	25,100	3,300	90.6	298,900	23,000	6,000	53.0	318,000
CENTRAL								
Kittitas	2,500	1,800	115.0	207,000	2,900	2,400	65.0	156,000
Klickitat	1,600	500	52.0	26,000	1,550	400	47.5	19,000
Okanogan	1,300	300	58.0	17,400	1,300	600	45.0	27,000
Other Counties	600	400	102.5	41,000	750	600	66.7	40,000
TOTAL	6,000	3,000	97.1	291,400	6,500	4,000	60.5	242,000
NORTHEAST								
Ferry	1,600	100	77.0	7,700	1,500	500	50.2	25,100
Pend Oreille	600	-	-	-	500	300	41.0	12,300
Spokane	19,000	11,500	48.0	552,000	17,500	8,400	48.5	407,600
Stevens	11,500	5,500	50.0	275,000	12,500	4,800	50.2	241,000
TOTAL	32,700	17,100	48.8	834,700	32,000	14,000	49.0	686,000
EAST CENTRAL								
Adams	1,400	1,200	60.0	72,000	1,200	1,000	40.0	40,000
Douglas	1,200	1,000	68.0	68,000	1,350	700	39.3	27,500
Franklin	400	300	67.0	20,100	400	300	45.0	13,500
Grant	1,700	600	110.0	66,000	1,300	500	53.0	26,500
Lincoln	5,000	2,400	58.0	139,200	2,750	2,500	41.0	102,500
TOTAL	9,700	5,500	66.4	365,300	7,000	5,000	42.0	210,000
SOUTHEAST								
Garfield	600	500	65.0	32,500	650	600	48.0	28,800
Whitman	900	600	62.0	37,200	2,050	1,800	48.6	87,400
Other Counties	-	-	-	-	800	600	46.3	27,800
TOTAL	1,500	1,100	63.4	69,700	3,500	3,000	48.0	144,000
STATE TOTAL	75,000	30,000	62.0	1,860,000	72,000	32,000	50.0	1,600,000

CORN FOR GRAIN: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted All Purposes	Harvested For Grain			Planted All Purposes	Harvested For Grain		
	Acres			Bushels	Acres			Bushels
WEST								
Other Counties	30,000	-			29,000	-		
TOTAL	30,000	-			29,000	-		
CENTRAL								
Benton	21,500	17,900	108.2	1,936,000	33,800	32,000	127.5	4,080,000
Kittitas	2,500	2,000	110.0	220,000	2,500	2,000	95.0	190,000
Klickitat	800	100	110.0	11,000	1,500	800	100.0	80,000
Yakima	17,500	9,500	115.1	1,093,000	14,800	10,200	125.0	1,275,000
Other Counties	200	-			400	-		
TOTAL	42,500	29,500	110.5	3,260,000	53,000	45,000	125.0	5,625,000
NORTHEAST								
Other Counties	100	-			100	-		
TOTAL	100	-			100	-		
EAST CENTRAL								
Adams	9,000	5,500	130.0	715,000	9,000	6,000	125.0	750,000
Douglas	-	-			500	500	123.0	61,500
Franklin	21,000	19,500	129.7	2,530,000	22,500	19,000	124.2	2,360,000
Grant	35,000	26,500	130.0	3,445,000	37,000	25,000	124.1	3,103,500
TOTAL	65,000	51,500	129.9	6,690,000	69,000	50,500	124.3	6,275,000
SOUTHEAST								
Walla Walla	7,400	7,000	150.0	1,050,000	8,900	7,500	130.0	975,000
TOTAL	7,400	7,000	150.0	1,050,000	8,900	7,500	130.0	975,000
STATE TOTAL	145,000	88,000	125.0	11,000,000	160,000	103,000	125.0	12,875,000

CORN FOR SILAGE: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted All Purposes	Harvested For Silage			Planted All Purposes	Harvested For Silage		
	Acres			Tons	Acres			Tons
WEST								
Clark	4,400	4,400	17.0	74,800	4,000	4,000	16.0	64,000
Cowlitz	900	900	20.0	18,000	1,000	1,000	17.0	17,000
Grays Harbor	900	900	13.7	12,350	800	800	19.0	15,200
Island	400	400	22.5	9,000	500	500	17.0	8,500
King	1,600	1,600	19.6	31,350	1,600	1,600	17.0	27,200
Lewis	1,200	1,200	20.0	24,000	900	900	18.0	16,200
Pierce	600	600	18.3	11,000	600	600	17.0	10,200
Skagit	7,500	7,500	20.0	150,000	6,900	6,900	19.0	131,100
Snohomish	3,000	3,000	23.0	69,000	3,000	3,000	19.0	57,000
Thurston	500	500	16.2	8,100	600	600	20.0	12,000
Wahkiakum	600	600	19.0	11,400	700	700	18.0	12,600
Whatcom	8,400	8,400	20.0	168,000	8,400	8,400	18.0	151,200
TOTAL	30,000	30,000	19.6	587,000	29,000	29,000	18.0	522,200
CENTRAL								
Benton	21,500	3,600	19.7	70,800	33,800	1,800	28.0	50,400
Kittitas	2,500	500	13.0	6,500	2,500	500	13.0	6,500
Klickitat	800	700	15.0	10,500	1,500	700	23.0	16,100
Yakima	17,500	8,000	22.6	180,400	14,800	4,600	26.7	123,000
Other Counties	200	200	19.0	3,800	400	400	20.0	8,000
TOTAL	42,500	13,000	20.9	272,000	53,000	8,000	25.5	204,000
NORTHEAST								
Other Counties	100	100	30.0	3,000	100	100	25.0	2,500
TOTAL	100	100	30.0	3,000	100	100	25.0	2,500
EAST CENTRAL								
Adams	9,000	3,500	24.4	85,500	9,000	3,000	26.0	78,000
Douglas	-	-			500	-		
Franklin	21,000	1,500	25.0	37,500	22,500	3,500	26.0	91,000
Grant	35,000	8,500	23.5	200,000	37,000	12,000	26.2	314,300
TOTAL	65,000	13,500	23.9	323,000	69,000	18,500	26.1	483,300
SOUTHEAST								
Walla Walla	7,400	400	30.0	12,000	8,900	1,400	30.0	42,000
TOTAL	7,400	400	30.0	12,000	8,900	1,400	30.0	42,000
STATE TOTAL	145,000	57,000	21.0	1,197,000	160,000	57,000	22.0	1,254,000

SUPPLY & STOCKS OF MAJOR GRAINS & HAY: WASHINGTON, 1977 - 1981

Crop Year	Supply			Total Stocks in All Positions				
	Production	Carry-In Stocks	Total Supply	October 1	January 1*	April 1*	June 1*	
Bushels								
WHEAT								
1977	101,305	49,657	150,962	125,989	97,151	56,424	36,512	
1978	128,160	36,512	164,672	132,749	93,141	60,323	45,880	
1979	118,000	45,880	163,880	131,741	106,514	67,740	44,133	
1980	160,220	44,133	204,353	184,319	130,797	77,958	46,511	
1981	168,350	46,511	214,861	166,856	124,410	89,391	64,260	
BARLEY								
1977	9,450	4,715	14,165	11,895	8,072	6,071	3,860	
1978	25,180	3,860	27,040	21,793	15,248	11,020	7,489	
1979	17,010	7,489	24,499	18,092	11,915	7,048	4,314	
1980	32,250	4,314	36,564	26,469	18,446	7,489	3,344	
1981	44,080	3,344	47,424	33,810	20,778	9,399	5,809	
OATS								
1977	1,505	493	1,998	1,259	900	631	433	
1978	1,740	433	2,173	1,787	1,439	840	526	
1979	1,749	526	2,275	1,746	1,215	818	475	
1980	1,860	475	2,335	1,337	1,102	709	375	
1981	1,600	375	1,975	1,312	1,013	735	387	
				January 1*	April 1*	June 1*	October 1*	
CORN								
1977	7,616	413	8,029	6,704	4,168	5,706	368	
1978	7,410	368	7,778	7,112	4,859	4,129	4,455	
1979	11,931	4,455	16,386	10,043	7,499	5,766	4,495	
1980	11,000	4,495	15,495	7,982	8,163	3,375	2,801	
1981	12,875	2,801	15,676	11,599	7,822	2,969	1/	
On & Off Farm Stocks								
October 1		January 1*		April 1*		June 1*		
On Farm	Off Farm	On Farm	Off Farm	On Farm	Off Farm	On Farm	Off Farm	
WHEAT								
1977	33,431	92,558	21,274	75,877	11,144	45,280	6,585	29,927
1978	39,730	93,019	23,069	70,072	12,816	47,507	6,408	39,472
1979	31,860	99,881	23,600	82,914	12,980	54,760	8,260	35,873
1980	49,668	134,651	32,044	98,753	16,022	61,936	6,409	40,102
1981	42,088	124,768	30,303	94,107	21,886	67,505	16,835	47,425
BARLEY								
1977	2,741	9,154	1,890	6,182	1,512	4,559	662	3,198
1978	6,954	14,839	4,172	11,076	2,782	8,238	1,159	6,330
1979	4,593	13,499	3,402	8,513	2,552	4,496	1,021	3,293
1980	6,773	19,696	4,193	14,253	2,258	5,231	968	2,376
1981	9,698	24,112	6,612	14,166	3,967	5,432	1,763	4,046
OATS								
1977	873	386	602	298	391	240	226	207
1978	1,218	569	940	499	592	248	331	195
1979	1,049	697	717	498	507	311	262	213
1980	930	407	744	358	521	188	260	115
1981	1,040	272	800	213	560	175	256	131
January 1*		April 1*		June 1*		October 1*		
CORN								
1977	4,189	2,515	1,523	2,645	762	4,944	114	254
1978	2,964	4,148	1,112	3,747	593	3,536	148	4,307
1979	4,057	5,986	1,909	5,590	954	4,812	358	4,137
1980	3,850	4,132	2,310	5,853	1,430	1,945	330	2,471
1981	5,150	6,449	2,189	5,633	1,288	1,681	1/	1/
Crop Year	Production	Stocks on Farm						
		January 1*	May 1*					
000 Tons								
HAY								
1977	2,432	1,443	465					
1978	2,638	1,751	462					
1979	2,494	1,847	765					
1980	2,625	1,598	424					
1981	2,542	1,733	578					

* Calendar year following year of production. 1/ Not available at time of publication.

DRY BEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON, 1979 - 1981

County and Year	Acreage		Yield Per Acre	Production
	Planted	Harvested		
	Acres		Lbs.	Cwt.
Adams				
1979	3,690	3,600	2,130	76,600
1980	6,200	6,100	2,150	131,050
1981	7,600	7,400	2,150	159,100
Franklin				
1979	11,650	11,370	1,850	210,000
1980	12,900	12,600	2,075	261,185
1981	17,900	17,500	2,050	360,800
Grant				
1979	23,660	23,080	2,070	477,800
1980	26,500	26,300	2,015	529,365
1981	39,000	38,600	1,960	757,500
Other Counties				
1979	2,000	1,950	1,830	35,600
1980	9,400	9,000	1,760	158,400
1981	5,500	5,400	1,900	102,600
STATE TOTAL				
1979	41,000	40,000	2,000	800,000
1980	55,000	54,000	2,000	1,080,000
1981	70,000	69,000	2,000	1,380,000

DRY BEANS: ACREAGE, YIELD, AND PRODUCTION, BY VARIETY, WASHINGTON, 1979 - 1981

Variety and Year	Acreage		Yield Per Acre	Production
	Planted	Harvested		
	Acres		Lbs.	Cwt.
Small Red				
1979	14,350	14,000	2,140	300,000
1980	16,300	16,100	2,300	370,000
1981	19,200	18,900	2,100	396,000
Pinto				
1979	16,610	16,200	1,890	306,000
1980	27,330	26,800	1,860	498,000
1981	32,100	31,700	2,030	643,000
Small White				
1979	6,980	6,800	1,840	125,000
1980	5,870	5,700	1,750	100,000
1981	8,500	8,300	1,950	162,000
Pink				
1979	1,940	1,900	2,740	52,000
1980	5,300	5,200	2,080	108,000
1981	10,100	10,000	1,770	177,000
Other Varieties				
1979	1,120	1,100	1,550	17,000
1980	200	200	2,000	4,000
1981	100	100	2,000	2,000
STATE TOTAL				
1979	41,000	40,000	2,000	800,000
1980	55,000	54,000	2,000	1,080,000
1981	70,000	69,000	2,000	1,380,000

MINT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES,
WASHINGTON, 1980 - 1981

County and District	1980			1981		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	<i>Acres</i>	<i>Lbs.</i>	<i>000 Lbs.</i>	<i>Acres</i>	<i>Lbs.</i>	<i>000 Lbs.</i>
PEPPERMINT						
WEST						
Clark	500	60	30	500	70	35
Cowlitz	300	27	8	-	-	-
TOTAL	800	48	38	500	70	35
CENTRAL						
Benton	1,000	55	55	600	68	41
Yakima	7,500	75	563	5,400	81	437
TOTAL	8,500	73	618	6,000	80	478
EAST-CENTRAL						
Adams	400	50	20	200	60	12
Franklin	200	65	13	100	80	8
Grant	1,700	65	111	1,500	76	114
TOTAL	2,300	63	144	1,800	74	134
STATE TOTAL	11,600	69	800	8,300	78	647
SPEARMINT						
CENTRAL						
Benton	1,300	78	101	2,200	72	158
Yakima	12,300	101	1,240	9,400	124	1,165
TOTAL	13,600	99	1,341	11,600	114	1,323
EAST-CENTRAL						
Adams	400	83	33	100	70	7
Grant	2,000	65	130	900	90	81
TOTAL	2,400	68	163	1,000	88	88
STATE TOTAL	16,000	94	1,504	12,600	112	1,411

SPEARMINT: ACREAGE, PRODUCTION, AND VALUE, BY TYPE,
WASHINGTON, 1978 - 1981

Type and Year	Acreage Harvested	Yield Per Acre	Production	Price Per Pound	Value of Production
	<i>Acres</i>	<i>Lbs.</i>	<i>000 Lbs.</i>	<i>\$/Lb.</i>	<i>000 Dollars</i>
NATIVE SPEARMINT					
1978 1/	14,600	92	1,340	5.40	7,173
1979	9,200	83	764	8.00	6,070
1980	11,800	107	1,258	8.50	10,650
1981	9,100	133	1,211	7.10	8,565
SCOTCH SPEARMINT					
1978 1/	11,800	90	1,062	8.40	8,920
1979	6,800	62	420	8.10	3,402
1980	4,200	59	246	9.90	2,435
1981	3,500	57	200	11.50	2,300

1/ First year separate estimates made for Native and Scotch spearmint.

POTATOES: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981

County and District	1980				1981			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	<i>Acres</i>		<i>Cwt.</i>	<i>000 Cwt.</i>	<i>Acres</i>		<i>Cwt.</i>	<i>000 Cwt.</i>
WEST								
Clark	500	500	280	140	500	500	300	150
Grays Harbor	300	300	250	75	300	300	300	90
Island	-	-	-	-	50	50	220	11
Pierce	50	50	260	13	50	50	300	15
Skagit	1,600	1,600	340	544	1,450	1,450	270	392
Snohomish	150	150	300	45	150	150	280	42
Whatcom	2,200	2,200	270	594	2,300	2,300	270	621
Other Counties	100	100	250	25	100	100	230	23
TOTAL	4,900	4,900	293	1,436	4,900	4,900	274	1,344
CENTRAL								
Benton	18,000	18,000	510	9,180	21,100	21,100	520	10,972
Kittitas	500	500	390	195	650	650	370	241
Klickitat	650	650	360	234	600	600	320	192
Okanogan	50	50	300	15	50	50	260	13
Yakima	1,000	1,000	386	386	1,600	1,600	360	576
TOTAL	20,200	20,200	496	10,010	24,000	24,000	500	11,994
NORTHEAST								
Spokane	200	200	335	67	200	200	330	66
Stevens	100	100	300	30	200	200	280	56
TOTAL	300	300	323	97	400	400	305	122
EAST CENTRAL								
Adams	13,600	13,600	535	7,276	18,500	18,500	490	9,065
Franklin	18,600	18,600	540	10,044	22,300	22,300	520	11,592
Grant	25,500	25,500	510	13,005	33,700	33,700	495	16,682
TOTAL	57,700	57,700	526	30,325	74,500	74,500	501	37,339
SOUTHEAST								
Walla Walla	3,900	3,900	530	2,067	4,200	4,200	505	2,121
TOTAL	3,900	3,900	530	2,067	4,200	4,200	505	2,121
STATE TOTAL	87,000	87,000	505	43,935	108,000	108,000	490	52,920

POTATOES: PRODUCTION, FARM DISPOSITION, SEASON AVERAGE PRICE RECEIVED BY FARMERS AND VALUE, WASHINGTON, 1979 - 1981

Crop Year	Production	Farm Disposition				Price Per Cwt.	Value of	
		Used on Farm Where Grown			Sold		Production	Sales
		Total	Seed, Feed and Household Use	Shrink and Loss				
		000 Cwt.				Dollars	000 Dollars	
1979	48,450	4,950	450	4,500	43,500	2.55	123,548	110,925
1980	43,935	4,425	425	4,000	39,510	4.40	193,314	173,844
1981	52,920	4,625	425	4,200	48,295	3.95	209,034	190,765

POTATOES: QUANTITY PROCESSED, BY PRODUCT, MONTHLY AND ACCUMULATED,
WASHINGTON AND OREGON, 1979 - 1981 CROPS ^{1/}

Type of Product by Crop Year	Jul-Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May-Jun.
	000 Cwt.									
FROZEN & DEHYDRATED										
Monthly										
1979-80	1,085	3,010	4,605	3,550	3,315	3,565	4,035	4,330	3,780	9,830
1980-81	1,930	3,770	4,410	3,250	2,065	2,730	3,830	3,540	3,895	7,485
1981-82	2,790	5,075	4,755	3,790	3,305	3,520	4,070	4,480	4,060	9,190
Accumulated										
1979-80	1,085	4,095	8,700	12,250	15,565	19,130	23,165	27,495	31,275	41,105
1980-81	1,930	5,700	10,110	13,360	15,425	18,155	21,985	25,525	29,420	36,905
1981-82	2,790	7,865	12,620	16,410	19,715	23,235	27,305	31,785	35,845	45,035
CHIPS & CANNED										
Monthly										
1979-80	760	155	165	180	170	165	155	150	185	105
1980-81	760	130	190	170	170	150	155	155	200	35
1981-82	790	155	195	180	220	165	165	200	180	40
Accumulated										
1979-80	760	915	1,080	1,260	1,430	1,595	1,750	1,900	2,085	2,190
1980-81	760	890	1,080	1,250	1,420	1,570	1,725	1,880	2,080	2,115
1981-82	790	945	1,140	1,320	1,540	1,705	1,870	2,070	2,250	2,290
TOTAL PROCESSED										
Monthly										
1979-80	1,845	3,165	4,770	3,730	3,485	3,730	4,190	4,480	3,965	9,935
1980-81	2,690	3,900	4,600	3,420	2,235	2,880	3,985	3,695	4,095	7,520
1981-82	3,580	5,230	4,950	3,970	3,525	3,685	4,235	4,680	4,240	9,230
Accumulated										
1979-80	1,845	5,010	9,780	13,510	16,995	20,725	24,915	29,395	33,360	43,295
1980-81	2,690	6,590	11,190	14,610	16,845	19,725	23,710	27,405	31,500	39,020
1981-82	3,580	8,810	13,760	17,730	21,255	24,940	24,175	33,855	38,095	47,325

^{1/} Includes potatoes processed in Washington and Oregon (except Malheur Co.) but excludes Washington and Oregon potatoes processed in Idaho, Malheur Co., Oregon, or other States.

POTATOES: USED FOR PROCESSING ^{1/}, SEVEN STATES, 1979 - 1981 CROPS

Area and Storage Season	Dec. 1	Following Year					Entire Season
		Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	
		000 Cwt.					
Washington and Other Area, Oregon							
1979-80	13,510	16,995	20,725	24,915	29,395	33,360	43,295
1980-81	14,610	16,845	19,725	23,710	27,405	31,500	39,020
1981-82	17,730	21,255	24,940	29,175	33,855	38,095	47,325
Maine ^{2/}							
1979-80	2,010	2,655	3,470	4,245	5,200	6,200	7,965
1980-81	2,190	2,880	3,510	4,245	4,980	5,885	6,660
1981-82	2,145	2,715	3,450	4,135	5,195	5,975	7,325
Idaho & Malheur Co. Oregon							
1979-80	14,220	18,690	23,970	28,840	34,440	39,930	55,600
1980-81	14,460	18,710	23,230	28,110	33,570	39,210	52,720
1981-82	16,720	21,450	26,000	31,205	36,840	42,270	56,585
Other States ^{3/}							
1979-80	2,660	3,405	4,260	5,100	6,055	6,880	8,785
1980-81	2,355	2,890	3,745	4,565	5,205	6,105	7,550
1981-82	2,860	3,670	4,635	5,835	7,090	8,250	10,645
SEVEN STATE TOTAL							
1979-80	32,400	41,745	52,425	63,100	75,090	86,370	115,645
1980-81	33,615	41,325	50,210	60,630	71,160	82,700	105,950
1981-82	39,455	49,090	59,025	70,350	82,980	94,590	121,880

^{1/} Total quantity received and used for processing, regardless of the state in which the potatoes were produced. ^{2/} Includes Maine grown potatoes only. ^{3/} Michigan, Minnesota, and North Dakota.

POTATOES: PRODUCTION AND STOCKS, SELECTED STATES

1979 - 1981 CROP YEARS

State and Crop Year	Production	Stocks on Dec. 1	Following Year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
			000 Cwt.				
Colorado							
1979	11,455	8,200	7,100	5,700	4,400	3,200	2,000
1980	10,950	7,850	6,700	5,300	4,250	3,100	2,050
1981	11,600	8,350	7,100	5,650	4,450	3,100	1,900
Idaho							
1979	85,050	65,000	58,500	51,500	44,500	37,000	26,000
1980	79,840	59,000	53,000	46,500	40,000	33,000	21,500
1981	84,540	62,000	55,000	49,000	42,500	34,500	23,500
Maine							
1979	27,685	23,300	21,200	18,500	15,800	12,000	7,700
1980	24,960	18,900	16,300	13,900	11,300	8,200	4,800
1981	26,520	21,300	18,000	15,100	12,400	8,600	5,100
Michigan							
1979	8,000	5,400	4,400	3,400	2,400	1,500	700
1980	7,403	4,500	3,300	2,200	1,400	800	400
1981	7,050	5,000	3,900	2,800	2,000	1,200	700
Minnesota							
1979	12,920	10,500	9,500	8,100	6,800	4,600	2,600
1980	9,920	8,400	7,000	5,600	4,000	2,300	1,400
1981	13,300	9,100	8,100	7,000	5,400	3,900	1,900
N.Y.-Long Island							
1979	6,431	3,300	2,400	1,500	1,000	450	85
1980	4,794	1,850	1,400	900	500	220 <u>1/</u>	91 <u>1/</u>
1981	5,365	1,860	1,250	750	350	100	30
N.Y.-Upstate							
1979	6,463	3,200	2,500	1,400	800	400	120
1980	6,250	3,100	2,150	1,300	800	290	155
1981	6,875	3,900	2,550	1,650	1,100	650	300
North Dakota							
1979	18,240	12,500	10,700	8,800	6,900	4,500	2,000
1980	15,680	10,700	8,900	6,500	4,600	2,400	850
1981	20,125	13,800	11,400	9,400	7,200	4,600	1,900
Oregon							
1979	25,310	16,900	14,600	12,400	9,800	7,200	4,700
1980	19,745	13,300	11,300	9,600	7,500	5,800	3,600
1981	21,710	15,200	12,700	10,500	8,300	5,800	4,000
WASHINGTON							
1979	48,450	30,600	27,300	23,000	18,900	14,200	10,100
1980	43,935	24,500	22,000	18,600	14,600	11,000	7,300
1981	52,920	29,200	25,100	21,200	17,000	12,600	8,300
Wisconsin							
1979	17,010	9,450	7,400	5,300	3,700	2,500	1,140
1980	16,000	8,600	5,400	3,800	2,800	1,950	1,050
1981	18,190	10,400	7,800	5,800	4,150	2,650	1,470
Other States <u>2/</u>							
1979	18,046	12,470	10,420	8,310	6,720	5,000	2,390
1980	16,214	11,030	9,160	7,365	5,530	3,400	1,250
1981	18,050	12,700	10,280	8,270	6,430	4,170	1,560
Total Selected States							
1979	285,060	200,820	176,020	147,910	121,720	92,550	59,535
1980	255,691	171,730	146,610	121,565	97,280	72,460	44,446
1981	286,245	192,810	163,180	137,120	111,280	81,870	50,660

1/ Ohio combined with Long Island to prevent possible disclosure of individual operations. 2/ California, Montana, Nebraska, Ohio, and Pennsylvania.

POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, UNITED STATES, 1980 - 1981

Seasonal Groups and State	1980					1981				
	Harvested Acreage	Yield Per Acre	Production	Price Per Cwt.	Value of Production	Harvested Acreage	Yield Per Acre	Production	Price Per Cwt.	Value of Production
	000 Acres	Cwt.	000 Cwt.	Dollars	000 Dollars	000 Acres	Cwt.	000 Cwt.	Dollars	000 Dollars
WINTER	11.5	205	2,363	9.40	22,153	11.6	189	2,198	17.40	38,030
SPRING	71.6	238	17,067	6.46	110,250	78.0	266	20,765	10.20	211,920
SUMMER	90.1	189	16,999	8.69	151,718	95.0	211	20,035	8.52	170,155
FALL										
California	17.4	370	6,438	10.80	69,530	18.7	370	6,919	7.05	48,779
Colorado	36.5	300	10,950	7.05	77,198	40.0	290	11,600	4.60	53,360
Connecticut	1.8	225	405	8.20	3,321	1.8	270	486	5.90	2,857
Idaho	300.0	265	79,840	5.65	451,096	330.0	255	84,540	4.75	401,565
Indiana	3.3	220	726	8.00	5,808	3.0	205	615	5.95	3,659
Maine	104.0	240	24,960	7.25	180,960	104.0	255	26,520	4.50	119,340
Massachusetts	3.4	220	748	7.50	5,610	3.3	225	743	5.40	4,012
Michigan	31.5	235	7,403	6.60	48,860	30.0	235	7,050	6.15	43,358
Minnesota	64.0	155	9,920	7.70	76,384	70.0	190	13,300	4.55	60,515
Montana	6.9	250	1,725	8.50	14,663	7.4	235	1,739	8.00	13,912
Nebraska	6.7	280	1,876	6.45	12,100	7.9	285	2,252	5.75	14,502
Nevada	13.0	340	4,420	5.20	22,984	12.0	290	3,480	4.90	17,052
New York:										
Long Island	18.8	255	4,794	10.00	47,940	18.5	290	5,365	6.05	32,458
Upstate	25.0	250	6,250	7.95	49,688	25.0	275	6,875	6.20	42,625
North Dakota	112.0	140	15,680	6.85	107,408	115.0	175	20,125	4.05	81,506
Ohio	9.5	210	1,995	7.90	15,761	9.0	210	1,890	6.15	11,624
Oregon:										
Malheur County	10.0	365	3,650	3.70	13,505	10.0	345	3,450	4.10	14,145
Other Counties	37.0	435	16,095	4.80	77,256	44.0	415	18,260	4.55	83,083
Pennsylvania	22.0	190	4,180	7.90	33,022	21.0	250	5,250	7.05	37,013
Rhode Island	3.2	230	736	6.40	4,710	3.2	260	832	4.60	3,827
South Dakota	6.7	160	1,072	3.85	4,127	5.4	130	702	3.65	2,562
Utah	5.2	225	1,170	5.15	6,026	5.8	220	1,276	5.00	6,380
Vermont	.6	200	120	8.05	966	.7	220	154	5.80	893
Washington	87.0	505	43,935	4.40	193,314	108.0	490	52,920	3.95	209,034
Wisconsin	50.0	320	16,000	10.10	161,600	53.5	340	18,190	4.70	85,493
Wyoming	5.7	235	1,340	8.20	10,988	5.3	200	1,060	6.00	6,360
Total Fall States	981.2	272	266,428	6.36	1,694,825	1,052.5	281	295,593	4.73	1,399,924
TOTAL UNITED STATES	1,154.4	262	302,857	6.55	1,978,956	1,237.1	274	338,591	5.41	1,820,029

POTATOES: CONSUMPTION PER CAPITA, UNITED STATES, 1976 - 1980

ITEM	1976	1977	1978	1979	1980 1/
			Million Cwt.		
Production	357.7	355.3	366.3	342.5	302.9
			Pounds		
Consumption, Per Capita	115.3	119.9	119.0	115.6	116.2
Fresh 2/	51.0	53.6	49.7	51.5	54.2
Processed	64.3	66.3	69.3	64.1	62.0
Canned 3/	1.9	2.2	2.1	2.1	2.1
Frozen	36.4	36.5	38.8	35.4	33.8
Shoestrings and Chips	16.0	16.5	17.1	17.1	16.8
Dehydrated	10.0	11.1	11.3	9.5	9.3

1/ Preliminary. 2/ Fresh-weight basis. 3/ Includes potatoes canned in soups, stews, and other combinations.

Source: USDA-ERS, TVS222, Vegetable Situation, October 1981.

FRUIT

The winter of 1980 was one of the mildest winters of all time. Temperatures ranged in the 20's to high 30's most of the time, with only an occasional day or two where it would dip to lower temperatures. Due to the mild winter, there was no winterkill damage to fruit trees. However, snowpack in the mountains was below normal, causing concern as to whether there was a sufficient supply of irrigation water for the growing season.

Spring came very early in Washington. The weather in February set records for high temperatures. The month of March and the first part of April turned cold and windy. The days were unusually very windy and the nights frosty. With the cold, frosty nights, growers had to do more heating than the past several years. Damaging frost occurred on the nights of April 1, 13, and 15 in the Yakima Valley. No appreciable frost damage occurred in the north-central area. Weather for pollinating was very poor. The bloom period in many areas was extended.

Due to cool weather, chemical thinning of apples turned out to be a tricky maneuver. Some orchards were over-thinned, particularly affected were Reds. Temperatures during July were generally cooler than normal, keeping the apples about one size smaller than the previous season. A heat wave during August kept the crop from maturing and sizing. Some sun-scalding was noted. During September, temperatures were more favorable for the crop. However, growers delayed harvest, trying to get better size and coloring. This was the latest harvest on record for the Red Delicious crop but still the apples were smaller than the previous year.

Pear growers, like apple growers, found the 1981 season to be one of continuous worry. Spring frosts, extreme cold, and hot weather were the major concerns. Bartlett pear harvest started about August 10 and was nearing completion by month's end. Quality was generally good though some lots were frost marked and fruit size was smaller than optimum. Production of other pears was the largest ever produced. The important Wenatchee District was hard hit by winterkill in the late 1960's and replacement trees are beginning to reach their prime bearing years. Picking started in late August and continued through September.

Harvest of early cherries began during the first week of June and was in full swing about mid-June. Again, June rains caused excessive splitting, especially in the Yakima Valley. Cherries harvested in the Wenatchee area were of good quality.

Concord grape harvest started the last week of September, one week behind schedule. Hot August temperatures caused berry size to be smaller than normal. Harvest of Concords was virtually complete by the end of October and picking of wine grapes continued into November.

FRUIT AND NUT CROPS: UTILIZED PRODUCTION, AVERAGE PRICE, AND VALUE, WASHINGTON, 1979 - 1981

Crop and Year	Utilized Production <u>1/</u>	Average Price <u>1/</u>	Value of Utilized Production <u>1/</u>	Fresh Market		Processing	
				Tons	\$/Ton	Tons	\$/Ton
	<i>Tons</i>	<i>\$/Ton</i>	<i>000 Dollars</i>				
Apples							
1979	1,309,500	254.00	332,613	929,850	310.00	379,650	114.00
1980	1,502,500	164.00	247,695	1,125,000	194.00	377,500	77.00
1981	1,375,000	228.00	313,050	1,025,000	274.00	350,000	92.00
Apricots							
1979	2,500	346.00	865				
1980	2,500	386.00	965				
1981	1,300	593.00	771				
Sweet Cherries							
1979	67,600	608.00	41,101	47,500	670.00	20,100	463.00
1980	48,300	624.00	30,139	37,200	715.00	11,100	319.00
1981	44,400	934.00	41,470	31,800	1,134.00	12,600	430.00
Tart Cherries							
1979	640	945.00	605				
1980	660	480.00	317				
1981	460	745.00	343				
Bartlett Pears							
1979	153,000	180.00	27,540	36,300	230.00	116,700	165.00
1980	143,000	185.00	26,459	32,900	242.00	110,100	169.00
1981	144,500	147.00	21,260	42,400	198.00	102,100	126.00
Other Pears							
1979	93,000	269.00	25,017				
1980	113,000	249.00	28,112				
1981	125,700	261.00	32,778				
Peaches							
1979	15,500	322.00	4,991				
1980	15,500	358.00	5,549				
1981	10,000	472.00	4,720				
Prunes							
1979	14,700	192.00	2,822	12,100	219.00	2,600	69.10
1980	23,100	149.00	3,442	18,000	170.00	5,100	73.80
1981	14,600	116.00	1,694	11,200	133.00	3,400	58.20
Grapes							
1979	102,800	204.00	20,971	300	308.00	102,500	204.00
1980	145,100	178.00	25,828	400	269.00	144,700	178.00
1981	159,000	189.00	30,102	500	289.00	158,500	189.00
Filberts							
1979	300	970.00	291				
1980	300	1,181.00	354				
1981	300	770.00	231				
Other Fruit & Nuts <u>2/</u>							
1979	3,100	-	750				
1980	3,900	-	932				
1981	4,000	-	2,128				
STATE TOTAL							
1979	1,762,640	259.59	457,566				
1980	1,997,860	185.09	369,792				
1981	1,879,260	238.68	448,547				

1/ Both Fresh Market and Processing. Price represents equivalent return at packing-house-door except filberts. 2/ Includes: Plums, nectarines, Yakimines, quinces, walnuts, almonds, chestnuts, and miscellaneous nuts.

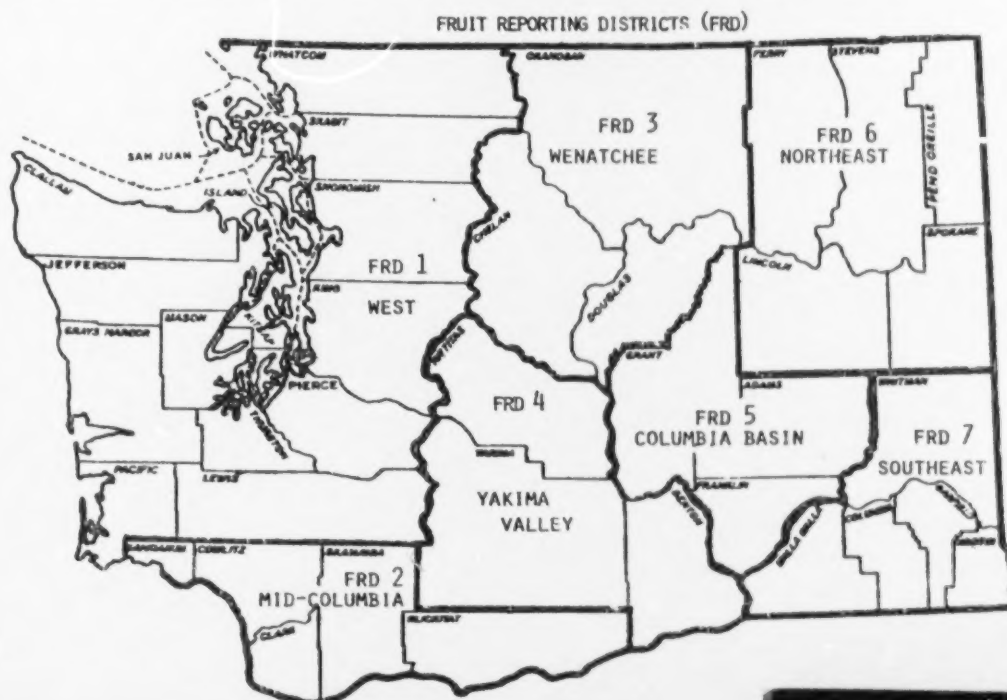
FRUIT CROPS: UTILIZED PRODUCTION, BY AREA, WASHINGTON, 1979 - 1981

Area and Year	Apples	Apricots	Sweet Cherries	Bartlett Pears	Other Pears	Peaches	Prunes
WEST	<i>Tons</i>						
1979	1,425	-	225	30	-	225	30
1980	1,300	-	150	20	-	225	30
1981	1,200	-	140	20	-	140	30
MID-COLUMBIA							
1979	3,150	15	1,300	5,800	6,250	150	70
1980	3,675	15	1,100	6,000	6,700	125	60
1981	3,900	10	1,160	3,800	7,500	80	50
WENATCHEE							
1979	605,000	850	16,800	29,000	58,950	2,530	40
1980	726,500	930	19,400	31,050	74,700	2,700	70
1981	655,300	720	24,770	32,600	86,400	2,020	50
YAKIMA VALLEY							
1979	630,000	1,510	44,500	117,400	27,500	11,620	13,700
1980	691,000	1,450	24,700	105,300	31,150	11,600	22,000
1981	644,900	520	15,650	106,700	31,340	7,200	13,680
COLUMBIA BASIN							
1979	64,350	100	4,500	600	220	600	760
1980	75,000	80	2,750	450	350	600	850
1981	65,000	30	2,500	1,220	350	400	710
NORTHEAST							
1979	2,325	10	175	100	80	100	20
1980	2,250	10	125	100	100	100	20
1981	2,100	10	110	90	110	60	20
SOUTHEAST							
1979	3,250	15	100	70	-	275	80
1980	2,775	15	75	80	-	150	70
1981	2,600	10	70	70	-	100	60
STATE TOTAL							
1979	1,309,500	2,500	67,600	153,000	93,000	15,500	14,700
1980	1,502,500	2,500	48,300	143,000	113,000	15,500	23,100
1981	1,375,000	1,300	44,400	144,500	125,700	10,000	14,600

CENSUS OF AGRICULTURE: LAND IN ORCHARDS, WASHINGTON, 1978

County	FRD Code	Land in Orchards		County	FRD Code	Land in Orchards	
		Farms	Total Acres			Farms	Total Acres
Adams	5	20	810	Okanogan	3	749	22,852
Asotin	7	14	90	Pacific	1	3	9
Benton	4	365	14,888	Pend Oreille	6	4	10
Chelan	3	1,184	26,803	Pierce	1	42	115
Clallam	1	19	26	San Juan	1	13	25
Clark	2	134	709	Skagit	1	21	125
Columbia	7	6	(D)	Skamania	2	13	443
Cowlitz	2	21	63	Snohomish	1	32	119
Douglas	3	542	13,870	Spokane	6	91	646
Ferry	6	9	58	Stevens	6	33	191
Franklin	5	73	2,291	Thurston	1	28	50
Garfield	7	3	2	Walla Walla	7	15	(D)
Grant	5	153	6,237	Whatcom	1	26	109
Grays Harbor	1	12	26	Whitman	7	7	53
Island	1	14	25	Yakima	4	2,388	78,110
King	1	56	315	All Other Counties		4	4
Kitsap	1	24	73	Farms Not On Census List		1,147	5,924
Kittitas	4	22	509				
Klickitat	2	58	1,692				
Lewis	1	41	124				
Lincoln	6	11	157				
Mason	1	12	36	State Total		7,409	179,880

(D) Data suppressed to avoid disclosure of individual farms.



CENSUS OF AGRICULTURE: APPLES, WASHINGTON, 1978

County	FRD CODE	Total		Number of Trees			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Adams	5	18	653	24,240	79,372	103,612	11,718
Asotin	7	11	17	(D)	(D)	1,090	125
Benton	4	151	4,130	153,095	487,820	640,915	91,467
Chelan	3	967	17,688	693,744	1,683,113	2,376,857	350,125
Clallam	1	18	15	126	354	480	5
Clark	2	65	52	726	2,470	3,196	212
Columbia	7	5	(D)	-	(D)	15,973	(D)
Cowlitz	2	17	21	91	1,078	1,169	2
Douglas	3	420	11,093	386,975	1,369,922	1,756,897	254,404
Ferry	6	6	29	(D)	(D)	1,871	199
Franklin	5	30	488	41,647	47,729	89,376	3,389
Grant	5	116	4,753	281,138	558,704	839,842	76,609
Grays Harbor	1	11	18	(D)	(D)	702	12
Island	1	13	11	158	377	535	6
King	1	43	168	8,416	11,588	20,004	1,932
Kitsap	1	22	44	734	2,933	3,667	(D)
Kittitas	4	19	374	39,599	51,076	90,675	4,691
Klickitat	2	20	63	286	5,402	5,688	784
Lewis	1	31	54	251	2,397	2,648	107
Lincoln	6	9	(D)	(D)	(D)	3,272	(D)
Mason	1	9	13	196	431	627	3
Okanogan	3	724	21,458	649,467	1,959,433	2,608,900	437,547
Pend Oreille	6	4	(D)	(D)	(D)	565	(D)
Pierce	1	33	72	2,212	2,764	4,976	36
San Juan	1	12	21	1,389	623	2,012	7
Skagit	1	12	30	3,548	3,166	6,714	(D)
Skamania	2	10	99	2,115	4,994	7,109	(D)
Snohomish	1	26	67	3,606	3,508	7,114	316
Spokane	6	71	461	14,291	29,450	43,741	3,560
Stevens	6	27	107	3,697	4,967	8,664	495
Thurston	1	25	27	196	843	1,039	13
Wahkiakum	2	3	3	(D)	(D)	59	(D)
Walla Walla	7	9	210	(D)	(D)	34,468	(D)
Whatcom	1	20	20	938	1,275	2,213	(D)
Whitman	7	6	(D)	(D)	(D)	3,257	(D)
Yakima	4	1,684	48,847	2,093,838	4,762,467	6,856,305	876,694
All Other Counties		4	4	(D)	(D)	143	(D)
Farms Not On Census List		955	3,773	98,222	236,184	334,406	34,390
STATE TOTAL		5,626	115,244	4,539,268	11,341,513	15,880,781	2,155,784

(D) Data suppressed to avoid disclosure of individual farms.

**PROCESSED UTILIZATION: APPLES, SWEET CHERRIES, AND GRAPES,
WASHINGTON, 1979 - 1981**

Commodity and Crop Year	Processed (Basis Fresh Equivalent)					
	Canned	Juice	Wine	Brined	Other 1/	Total Processed
<i>Tons</i>						
Apples						
1979	50,000	245,600	-	-	84,050	379,650
1980	44,500	252,500	-	-	80,500	377,500
1981	51,500	211,500	-	-	87,000	350,000
Sweet Cherries						
1979	3,600	-	-	12,800	3,700	20,100
1980	2,200	-	-	5,300	3,600	11,100
1981	1,700	-	-	7,200	3,700	12,600
Grapes						
1979	-	99,900	2,600	-	-	102,500
1980	-	139,800	4,900	-	-	144,700
1981	-	150,000	8,500	-	-	158,500

1/ Includes apples used for freezing, vinegar, wine, jam, and dried; cherries used for freezing.

GRAPE PRODUCTION: BY TYPE, WASHINGTON, 1979 - 1981

Year	Concord	Other 1/	Total Production
<i>Tons</i>			
1979	95,300	7,500	102,800
1980	134,700	10,400	145,100
1981	145,100	13,900	159,000

1/ Includes Campbell Early and wine varieties.

APPLES: HOLDINGS IN REFRIGERATED WAREHOUSES, CROP YEARS, 1979 - 1981

Date 1/	Washington			Pacific Region			United States		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
<i>Million Pounds</i>									
Sep. 30	1,298	1,100	900	1,389	1,179	991	1,835	1,550	1,425
Oct. 31	2,021	2,390	2,187	2,233	2,637	2,368	3,870	4,367	3,872
Nov. 30	1,685	2,120	1,928	1,868	2,336	2,092	3,380	4,020	3,333
Dec. 31	1,424	1,775	1,639	1,585	1,949	1,745	2,790	3,245	2,676
Jan. 31	1,195	1,484	1,356	1,335	1,601	1,436	2,226	2,636	2,128
Feb. 28	939	1,223	1,139	1,023	1,296	1,186	1,597	2,036	1,649
Mar. 31	686	960	827	735	1,010	854	1,047	1,486	1,119
Apr. 30	474	696	-	498	724	-	651	996	-
May 31	*	*	-	269	444	-	322	553	-
Jun. 30	*	*	*	126	151	252	140	185	277
Jul. 31	*	*	-	19	76	-	20	85	-

1/ Holdings as of March 31, 1982 was the final monthly report. In the future, reports will cover holdings only on June 30, September 30, December 31, and March 31. * Not published.

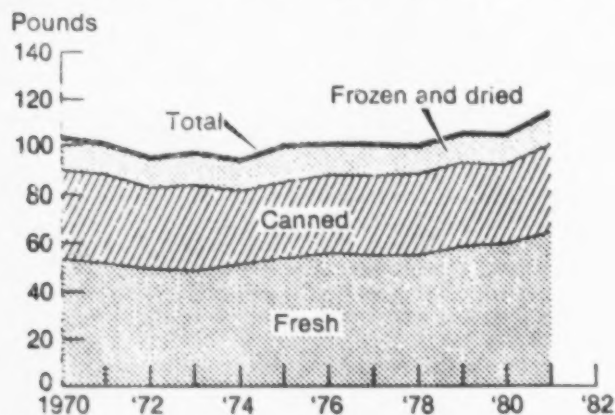
APPLES: PRODUCTION BY VARIETY, WASHINGTON, 1979 - 1981

Variety <u>1/</u>	1979		1980		1981	
	Tons	% of Total	Tons	% of Total	Tons	% of Total
Delicious	840,700	64.2	1,005,500	66.9	900,400	65.5
Golden Delicious	383,700	29.3	398,000	26.5	385,000	28.0
Winesaps	45,850	3.5	52,500	3.5	46,800	3.4
Rome Beauty	17,000	1.3	22,500	1.5	19,400	1.4
Jonathan	6,550	.5	7,500	.5	5,600	.4
Granny Smith <u>2/</u>	-	-	-	-	8,100	.6
Other <u>3/</u>	15,700	1.2	16,500	1.1	9,700	.7
State Total	1,309,500	100.0	1,502,500	100.0	1,375,000	100.0

1/ Of the top five varieties in Washington, only Jonathan is not a winter variety; it is a fall variety. 2/ First variety estimate, 1981. 3/ Includes Granny Smith, Gravenstein, McIntosh, Sparta, Tydeman's Red, Winter Banana, Yellow Newtown, and others.

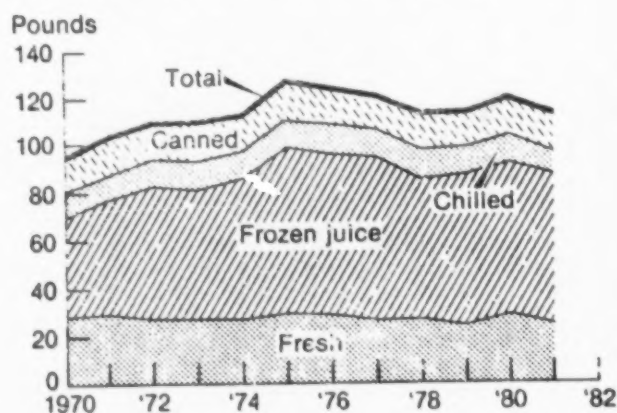
FRUIT: PER CAPITA CONSUMPTION, UNITED STATES, 1970 - 1981

Noncitrus Fruit Consumption Per Person



Fresh-equivalent basis. Canned includes fruit and juice.
1981 preliminary.

Citrus Fruit Consumption Per Person



Fresh-equivalent basis. Canned and chilled includes fruit and juice.
1981 preliminary.

FRUIT HARVEST COSTS: WASHINGTON, 1979 - 1981

Commodity	Picking Costs	Hauling Costs	Other Harvesting Costs	Total Harvest Costs
<i>Dollars Per Bulk Bin</i>				
Apples				
1979	7.84	1.69	1.70	11.23
1980	8.33	1.80	1.81	11.94
1981	8.51	2.06	1.97	12.54
<i>Dollars Per Ton</i>				
Apricots				
1979	32.50	6.50	6.00	45.00
1980	35.00	6.50	6.00	47.50
1981	59.00	6.50	5.00	70.50
Sweet Cherries				
1979	171.65	10.36	11.84	193.85
1980	187.53	10.01	15.20	212.74
1981	197.41	14.11	19.75	231.27
Bartlett Pears				
1979	15.32	3.45	3.28	22.05
1980	16.11	3.70	3.35	23.16
1981	16.96	3.27	3.93	24.16
Other Pears				
1979	16.50	3.73	3.40	23.63
1980	17.72	3.69	3.18	24.59
1981	18.02	3.29	2.90	24.21
Peaches				
1979	29.50	6.90	5.57	41.97
1980	34.79	7.20	7.83	49.82
1981	35.00	9.38	10.00	54.38
Prunes				
1979	32.15	4.27	4.91	41.33
1980	33.67	3.16	3.50	40.33
1981	34.34	4.97	4.26	43.57

There are many reasons for the variation in harvest costs. Among these is the size of the crop as far as picking is concerned. A grower with a heavy crop may pay slightly less than a grower with a light crop. On hauling, distance from the orchard to the warehouse is an important factor, as is who it is that does the hauling. Hired supervision versus family supervision and the degree of mechanization are other reasons for the variation from orchard to orchard.

CENSUS OF AGRICULTURE: APRICOTS, WASHINGTON, 1978

County	FRD Code	Total		Number of Trees			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Adams	5	6	10	(D)	(D)	1,763	(D)
Asotin	7	4	3	(D)	(D)	111	21
Benton	4	30	84	(D)	(D)	8,784	1,063
Chelan	3	56	109	2,369	11,178	13,547	776
Clallam	1	4	1	(D)	(D)	8	-
Douglas	3	48	146	6,316	10,627	16,943	1,082
Franklin	5	3	(D)	-	206	206	(D)
Grant	5	23	21	83	1,706	1,789	157
Klickitat	2	7	55	(D)	(D)	2,085	21
Lincoln	6	6	2	(D)	(D)	142	(D)
Okanogan	3	11	3	134	137	271	17
Spokane	6	17	8	128	383	511	4
Stevens	6	14	7	(D)	(D)	518	8
Whitman	7	4	(D)	(D)	(D)	88	(D)
Yakima	4	111	276	1,990	26,107	28,097	2,884
All Other Counties		20	6	451	295	746	7
Farms Not On Census List		107	36	688	2,226	2,914	1
STATE TOTAL		471	767	15,096	63,427	78,523	6,116

(D) Data suppressed to avoid disclosing individual farms.

CENSUS OF AGRICULTURE: CHERRIES ^{1/}, WASHINGTON, 1978

County	FRD Code	Total		Number of Trees			Production Harvested 000 Lbs.
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
Adams	5	8	58	(D)	(D)	5,548	491
Asotin	7	4	(D)	(D)	(D)	2,084	(D)
Benton	4	152	2,491	14,795	205,584	220,379	24,247
Chelan	3	337	2,265	43,012	166,839	209,851	14,906
Clallam	1	11	(D)	54	82	136	2
Clark	2	30	12	95	1,575	1,670	9
Cowlitz	2	12	2	7	64	71	(D)
Douglas	3	239	1,099	10,348	92,452	102,800	11,433
Franklin	5	17	189	1,280	15,529	16,809	1,550
Grant	5	49	531	16,617	37,149	53,766	5,161
Grays Harbor	1	4	1	(D)	(D)	22	(D)
Island	1	6	2	9	41	50	2/
King	1	26	90	(D)	(D)	8,738	81
Kitsap	1	14	9	(D)	(D)	676	(D)
Klickitat	2	41	584	7,179	32,791	39,970	2,932
Lewis	1	10	3	34	81	115	2/
Lincoln	6	5	2	(D)	(D)	75	(D)
Okanogan	3	17	80	(D)	(D)	7,066	444
Pierce	1	11	11	93	723	816	(D)
Skagit	1	7	2	(D)	(D)	129	(D)
Snohomish	1	10	7	(D)	(D)	600	(D)
Spokane	6	41	98	605	7,155	7,760	496
Stevens	6	16	16	171	509	680	20
Thurston	1	10	8	152	332	484	(D)
Whatcom	1	13	6	(D)	(D)	515	(D)
Whitman	7	5	4	(D)	(D)	232	(D)
Yakima	4	717	5,574	61,886	450,492	512,378	46,955
All Other Counties		16	43	61	3,936	3,997	291
Farms Not On Census List		416	424	5,766	22,036	27,802	752
STATE TOTAL		2,244	13,635	162,778	1,062,441	1,225,219	109,962

(D) Data suppressed to avoid disclosure of individual farms.

^{1/} Sweet and sour cherries. ^{2/} Less than 500 pounds.

CENSUS OF AGRICULTURE: PEARS, WASHINGTON, 1978

County	FRD Code	Total		Number of Trees			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Adams	5	7	60	-	7,189	7,189	1,238
Asotin	7	8	11	-	1,474	1,474	139
Benton	4	35	388	2,612	39,722	42,334	8,141
Chelan	3	510	6,548	212,308	576,855	789,163	137,680
Clallam	1	12	3	59	51	110	1
Clark	2	59	116	816	11,397	12,213	1,093
Cowlitz	2	12	(D)	9	50	59	(D)
Douglas	3	112	850	16,147	94,124	110,271	19,604
Ferry	6	4	14	(D)	(D)	647	42
Franklin	5	3	(D)	-	(D)	8,368	(D)
Grant	5	36	340	6,662	33,787	40,449	6,576
Grays Harbor	1	3	1	(D)	(D)	20	(D)
Island	1	6	2	9	40	49	(D)
King	1	21	6	52	119	171	2
Kitsap	1	13	8	65	833	898	1
Kittitas	4	12	130	10,176	14,280	24,456	1,796
Klickitat	2	15	858	(D)	(D)	72,776	5,125
Lewis	1	10	2	(D)	(D)	68	2
Lincoln	6	3	1	(D)	(D)	14	(D)
Mason	1	6	3	(D)	(D)	164	1/
Okanogan	3	148	1,108	42,331	87,351	129,682	17,494
Pierce	1	14	4	61	431	492	(D)
Skagit	1	3	1	(D)	(D)	12	(D)
Skamania	2	11	314	(D)	(D)	27,727	(D)
Snohomish	1	10	5	(D)	(D)	425	(D)
Spokane	6	19	33	217	2,885	3,102	154
Stevens	6	13	10	(D)	(D)	830	(D)
Thurston	1	13	3	(D)	(D)	114	(D)
Walla Walla	7	4	1	(D)	(D)	14	3
Whatcom	1	11	3	(D)	(D)	229	2
Whitman	7	4	(D)	(D)	(D)	1,312	(D)
Yakima	4	863	9,725	178,132	1,111,961	1,290,093	214,603
All Other Counties		3	(D)	(D)	(D)	10	-
Farms Not On Census List		435	404	2,205	35,917	38,122	9,646
STATE TOTAL		2,438	21,048	521,764	2,081,293	2,603,057	426,200

(D) Data suppressed to avoid disclosure of individual farms.

1/ Less than 500 pounds.

CENSUS OF AGRICULTURE: PEACHES, WASHINGTON, 1978

County	FRD Code	Total		Number of Trees			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Adams	5	7	19	(D)	(D)	2,689	126
Asotin	7	7	32	(D)	(D)	2,904	211
Benton	4	57	418	2,344	48,758	51,102	5,468
Chelan	3	82	150	4,768	14,129	18,897	765
Clark	2	24	49	2,350	2,919	5,269	179
Douglas	3	104	426	8,326	51,058	59,384	4,080
Franklin	5	6	66	(D)	(D)	6,151	(D)
Grant	5	29	100	(D)	(D)	11,790	1,167
King	1	5	(D)	(D)	(D)	187	-
Kitsap	1	4	1	(D)	(D)	80	-
Klickitat	2	12	54	(D)	(D)	6,311	257
Lincoln	6	7	45	(D)	(D)	5,233	(D)
Okanogan	3	33	116	905	13,373	14,278	947
Pierce	1	3	(D)	(D)	(D)	96	-
Spokane	6	40	34	1,396	1,853	3,254	122
Stevens	6	18	31	615	1,380	1,995	53
Walla Walla	7	3	1	(D)	(D)	16	(D)
Whitman	7	3	1	(D)	(D)	124	(D)
Yakima	4	245	1,589	24,565	213,748	238,313	22,270
All Other Counties		20	26	981	1,137	2,118	86
Farms Not on Census List		230	323	730	26,790	27,520	13
STATE TOTAL		939	3,486	52,624	405,087	457,711	36,283

(D) Data suppressed to avoid disclosing individual farms.

CENSUS OF AGRICULTURE: PRUNES AND PLUMS, WASHINGTON, 1978

County	FRD Code	Total		Number of Trees			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Benton	4	76	691	9,791	66,548	76,339	13,495
Chelan	3	10	4	-	345	345	31
Clallam	1	13	3	50	88	138	3
Clark	2	43	56	680	3,668	4,348	64
Cowlitz	2	11	4	22	71	93	1/
Douglas	3	6	5	(D)	(D)	196	39
Franklin	5	4	14	(D)	(D)	1,300	(D)
Grant	5	9	51	1,620	3,229	4,849	803
Grays Harbor	1	3	(Z)	(D)	(D)	16	(D)
Island	1	8	2	13	50	63	(D)
King	1	22	5	48	142	190	2
Kitsap	1	11	7	107	504	611	1/
Kittitas	4	4	1	(D)	(D)	46	1/
Klickitat	2	4	34	(D)	(D)	795	10
Lewis	1	11	2	(D)	(D)	145	1/
Mason	1	6	1	(D)	(D)	29	(D)
Okanogan	3	4	2	(D)	(D)	140	1/
Pierce	1	11	6	30	509	539	1
San Juan	1	4	1	-	72	72	1
Snohomish	1	11	5	11	186	197	1/
Spokane	6	13	4	140	133	273	7
Stevens	6	10	16	(D)	(D)	1,503	1
Thurston	1	8	3	15	241	256	(D)
Whatcom	1	15	10	200	750	950	1
Whitman	7	3	1	(D)	(D)	77	(D)
Yakima	4	237	1,253	18,575	127,253	145,828	22,253
All Other Counties		11	12	83	1,116	1,199	329
Farms Not On Census List		497	127	628	7,360	7,988	174
STATE TOTAL		1,065	2,318	32,261	216,264	248,525	37,415

(D) Data suppressed to avoid disclosing individual farms.

(Z) Less than 1/2 acre.

1/ Less than 500 pounds.

CENSUS OF AGRICULTURE: GRAPES, WASHINGTON, 1978

County	FRD Code	Total		Number Of Vines			Production Harvested
		Farms	Acres	Non-Bearing Age	Bearing Age	Total	
							000 Lbs.
Adams	5	3	8	-	4,827	4,827	188
Benton	4	166	6,661	507,083	3,410,359	3,917,442	91,995
Chelan	3	6	5	(D)	(D)	2,808	23
Clark	2	18	28	2,290	15,704	17,994	406
Cowlitz	2	4	1	(D)	(D)	294	(D)
Douglas	3	7	131	(D)	(D)	75,665	1,510
Franklin	5	36	1,435	52,031	790,299	842,330	20,593
Grant	5	21	438	19,561	201,060	220,621	6,782
King	1	16	8	1,216	1,475	2,691	8
Kitsap	1	6	3	-	1,715	1,715	1/
Klickitat	2	4	41	-	19,756	19,756	186
Lewis	1	5	1	(D)	(D)	251	1/
Mason	1	6	17	-	8,131	8,131	20
Okanogan	3	7	3	(D)	(D)	1,935	1
Pierce	1	10	11	4,280	2,653	6,933	(D)
Skagit	1	3	1	-	535	535	(D)
Skamania	2	3	22	-	14,164	14,164	(D)
Snohomish	1	5	21	(D)	(D)	11,145	(D)
Spokane	6	7	4	676	1,348	2,024	2
Stevens	6	3	2	(D)	(D)	1,004	(D)
Thurston	1	7	5	89	2,447	2,536	1
Walla Walla	7	7	1,816	113,970	1,137,735	1,251,705	36,613
Whatcom	1	7	2	228	685	913	(D)
Yakima	4	616	10,700	296,199	5,939,269	6,235,468	171,674
All Other Counties		13	3	294	1,000	1,294	1/
Farms Not On Census List		137	576	281,075	80,768	361,843	2,298
STATE TOTAL		1,123	21,941	1,305,567	11,700,457	13,006,024	332,406

(D) Data suppressed to avoid disclosure of individual farms.

1/ Less than 500 pounds.

VEGETABLE CROPS

Washington has a number of fertile valleys where a wide assortment of vegetables are produced. In western Washington there are the Kent, Puyallup, Snohomish, Skagit, and Whatcom areas, while east of the Cascades Yakima, Walla Walla, and Spokane Counties are major vegetable growing areas. Processors purchase the largest percentage of total vegetable production, but large quantities remain for fresh shipment to domestic and foreign markets. Increased acreage but lower crop yields resulted in a 6 percent decrease in Washington's total vegetable production for 1981.

Green peas continue to be our State's largest vegetable crop and ranks second nationally in total production, accounting for 21 percent of the total U.S. crop. Planting of the 1981 crop got underway in late March and was completed by June. Western Washington acreages were seeded later than normal due to soggy field conditions. Crop development was slow during June and July as temperatures were well below normal. The cool weather during the early summer months kept yields average at best. Harvest began in mid-June in eastern Washington and July on the westside. Harvest was virtually completed by mid-August.

Asparagus is an important crop to Washington and the State's production is a major portion of the national crop, representing over 34 percent of the total domestic asparagus production in 1981. Weather was favorable for asparagus growth and crop conditions were two weeks ahead of schedule in April. Harvest began in early April and was completed in early June.

Sweet corn is also an important crop and ranks second in acreage to other vegetables planted in Washington. Growers in our State consistently achieve some of the highest yields in the nation. Planting of the 1981 crop was slowed in western Washington due to cool, spring weather, but went ahead on schedule in eastern Washington. Crop development was slow through the spring and summer until warm weather returned in late July. June was a pivotal month in crop development and the cool weather was the main reason for a decline in yields. Harvest began in August east of the Cascades, followed by harvest in western Washington.

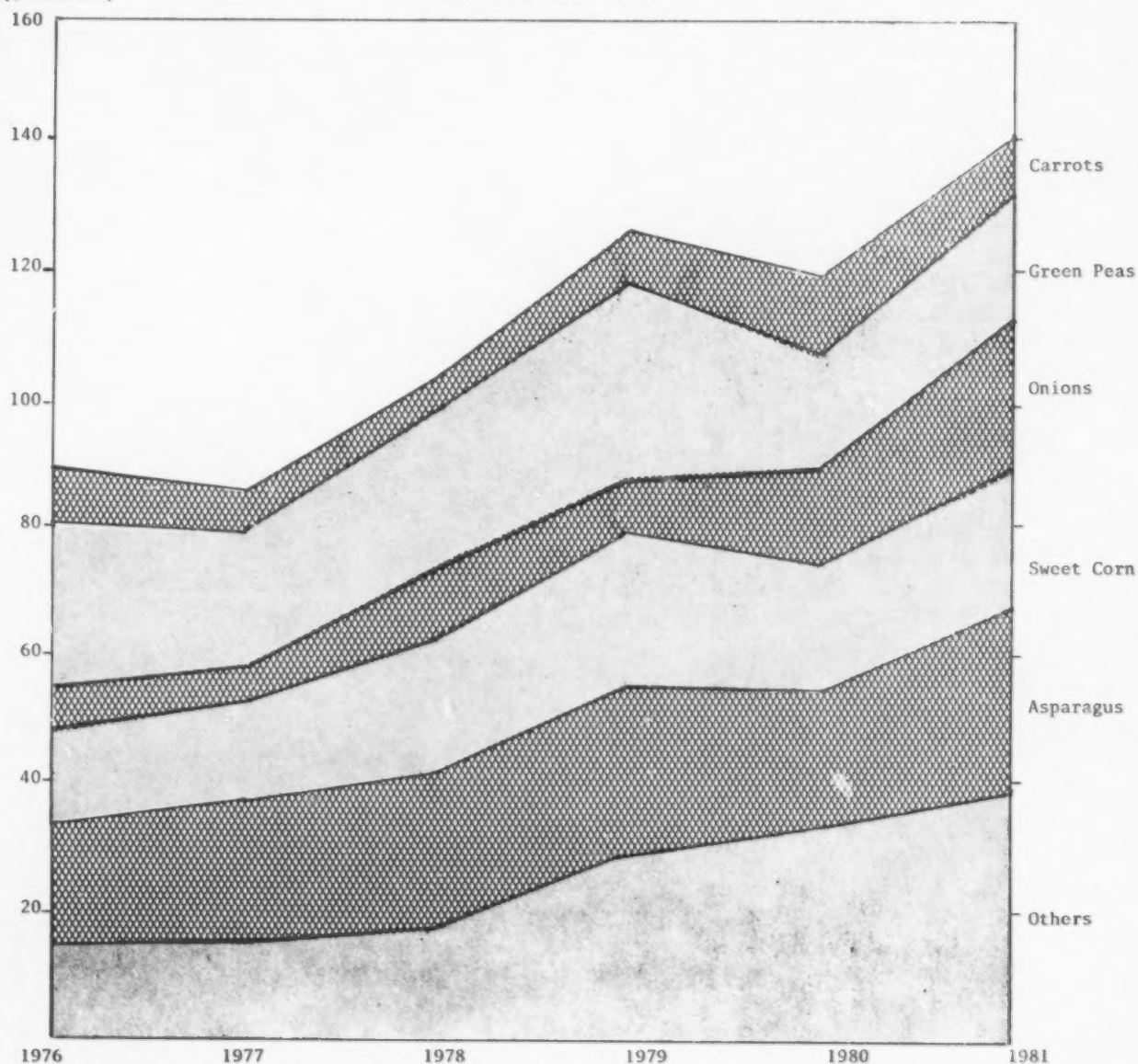
Carrots for both the fresh and processed markets are grown in the Columbia Basin, Walla Walla area, and valleys west of the Cascades. Washington ranks third in the nation in commercial carrot production. Plantings of the 1981 crop began in March and was completed sometime in July. Early maturing carrots suffered the effects of cool weather, which diminished crop yields. Growers realized better yields from the late maturing crop as weather warmed considerably in August and September. Harvest of early carrots began in August and digging continued well into December.

Locally significant quantities of onions are grown in central and southern Washington. Our crop estimates differentiate between two types of onions, storage and non-storage. Non-storage onions are planted in both the fall and spring and are better known as the famous Walla Walla sweet onion. Storage onions are planted in the spring the same time as the non-storage crop, early March through late April. The two crops developed normally despite cooler than normal weather statewide, and above average rainfall in the Walla Walla area. Weather around harvest time was good and harvest of non-storage onions got underway in early July. Overall quality of non-storage onions was good as few problems were encountered. Storage onion harvest began under ideal conditions and harvest was in full swing by the end of September.

VEGETABLES: VALUE OF PRODUCTION, BY SELECTED COMMODITIES

(\$ Million)

WASHINGTON, 1976 - 1981



VEGETABLE CROPS: VALUE PER HARVESTED ACRE, WASHINGTON, 1979 - 1981

Fresh Market Crops	1979	1980	1981	Processing Crops	1979	1980	1981
	Dollars				Dollars		
Cabbage	1,524	1,824	1,989	Asparagus 1/	1,256	941	1,235
Carrots 1/	1,675	2,681	2,273	Snap Beans	627	616	496
Sweet Corn	847	816	863	Sweet Corn	517	501	498
Lettuce	1,989	2,560	2,593	Green Peas	382	318	323
Onions, Non-Storage	4,708	2,919	6,600	Cucumbers	1,433	1,427	1,615
Onions, Storage 1/	1,201	3,723	4,463				
Average	1,567	2,492	2,846	Average	558	507	564

1/ Includes Fresh Market and Processing.

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, WASHINGTON, 1979 - 1981

Crop and Year	Acreage Harvested	Yield Per Acre	Utilized Production	Average Price Per Cwt.	Value of Utilized Production	Fresh Market		Processing	
						Pro-duction	Average Price Per Cwt.	Pro-duction	Average Price Per Cwt.
	<i>Acres</i>	<i>Cwt.</i>	<i>000 Cwt.</i>	<i>Dollars</i>	<i>000 Dol.</i>	<i>000 Cwt.</i>	<i>Dollars</i>	<i>000 Cwt.</i>	<i>Dollars</i>
ASPARAGUS									
1979	21,000	28	588	44.80	26,371	62	61.80	526	42.85
1980	22,200	23	511	40.90	20,894	41	69.80	470	38.35
1981	23,700	25	593	49.40	29,268	69	73.70	524	46.15
CABBAGE, FRESH									
1979	850	195	166	7.80	1,295	166	7.80		
1980	850	175	149	10.40	1,550	149	10.40		
1981	900	170	153	11.70	1,790	153	11.70		
CARROTS									
1979	5,000	447	2,237	3.74	8,376	437	13.10	1,800	1.47
1980	4,150	467	1,938	5.74	11,128	596	14.80	1,342	1.72
1981	4,400	400	1,760	5.56	9,781	500	14.60	1,260	1.97
CUCUMBERS, PROC.									
1979	1,300	212	276	6.75	1,863			276	6.75
1980	1,400	197	276	7.25	1,998			276	7.25
1981	1,500	203	305	7.95	2,422			305	7.95
GREEN PEAS, PROC.									
1979	81,100	34	2,790	11.10	30,967			2,790	11.10
1980	57,800	33	1,907	9.65	18,406			1,907	9.65
1981	61,600	32	1,971	10.10	19,909			1,971	10.10
LETTUCE, FRESH									
1979	1,200	170	204	11.70	2,387	204	11.70		
1980	1,200	200	240	12.80	3,072	240	12.80		
1981	1,200	195	234	13.30	3,112	234	13.30		
ONIONS, NON-STGE.									
1979	750	370	278	12.70	3,531	278	12.70		
1980	780	330	257	8.86	2,277	257	8.86		
1981	800	400	320	16.50	5,280	320	16.50		
ONIONS, STGE.									
1979	3,900	400	1,560	4.75	4,684	1,560	4.75		
1980	3,300	400	1,320	11.70	12,285	1,320	11.70		
1981	3,700	400	1,480	14.40	17,050	1,480	14.40		
SNAP BEANS, PROC.									
1979	2,300	79	181	7.95	1,441			181	7.95
1980	2,400	76	185	8.15	1,478			181	8.15
1981	1,500	58	86	8.55	739			86	8.55
SWEET CORN, FRESH									
1979	2,700	90	243	9.41	2,287	243	9.41		
1980	2,800	80	224	10.20	2,285	224	10.20		
1981	2,800	75	210	11.50	2,415	210	11.50		
SWEET CORN, PROC.									
1979	40,500	155	6,294	3.33	20,927			6,294	3.33
1980	36,700	166	6,100	3.02	18,390			6,100	3.02
1981	40,100	154	6,175	3.24	19,977			6,175	3.24
OTHER, FRESH									
1979	7,500		1,259		21,190	1,259			
1980	7,600		1,314		24,360	1,314			
1981	7,900		1,436		29,483	1,436			
OTHER, PROC.									
1979	2,690		10,840		1,779			10,840	
1980	2,330		9,190		1,404			9,190	
1981	2,250		7,610		1,244			7,610	
STATE TOTAL									
1979	170,790		26,916		127,098	4,209		22,707	
1980	143,510		23,607		119,527	4,141		19,466	
1981	152,350		22,333		142,470	4,402		17,931	

VEGETABLE CROPS: ACREAGE AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981

County and Year	Asparagus		Cabbage		Carrots		Cucumbers, All		Green Peas, All	
	Harvested Acres	Production (Tons)	Harvested Acres	Production (Tons)	Harvested Acres	Production (Tons)	Harvested Acres	Production (Tons)	Harvested Acres	Production (Tons)
ADAMS										
1980	200	150								
1981	200	150								
BENTON										
1980	1,600	2,150			200	4,650	1/		1/	
1981	1,600	2,200			200	3,000	1/		1/	
CLARK										
1980			250	3,500			150	1,725	1/	
1981			280	3,500			100	1,300	1/	
COLUMBIA										
1980	150	200							8,700	10,700
1981	200	300							8,500	7,900
COWLITZ										
1980					150	2,200	1/		50	50
1981					100	1,700	1/		50	50
FRANKLIN										
1980	6,200	6,300			700	17,500			500	500
1981	6,500	7,800			1,100	26,400			500	500
GRANT										
1980	400	350			900	21,250	1/		1,500	3,600
1981	350	300			950	15,700	1/		1,800	4,600
GRAYS HARBOR										
1980					1/		1/		1,500	2,900
1981					1/		1/		2,000	4,000
KING										
1980			100	700	1/		1/			
1981			100	700	1/		1/			
KITTITAS										
1980									1/	
1981									1/	
KLICKITAT										
1980	50	50	1/		1/		1/			
1981	50	50	1/		1/		1/			
LEWIS										
1980							1/		4,150	8,400
1981							1/		5,000	10,000
PIERCE										
1980			200	2,000	1/		270	3,050		
1981			220	2,000	1/		250	2,600		
SKAGIT										
1980			1/		900	22,300	1,100	10,100	15,900	29,200
1981			1/		970	18,100	1,200	11,250	17,600	35,200
SNOHOMISH										
1980			1/		1/		1/		4,000	7,000
1981			1/		1/		1/		4,000	8,000
SPOKANE										
1980			100	700						
1981			100	700						
THURSTON										
1980					1/		1/		300	600
1981					1/		1/		350	700
WALLA WALLA										
1980	4,700	5,450	50	550	200	3,950			12,400	19,200
1981	5,100	5,200	50	500	150	3,000			12,400	14,500
WHATCOM										
1980			60	650	750	18,450	100	950	4,500	8,000
1981			60	600	600	13,400	100	1,000	4,800	8,400
WHITMAN										
1980									4,300	5,400
1981									4,600	4,700
YAKIMA										
1980	8,900	10,900	130	1,600	200	4,700	1/		1/	
1981	9,700	13,650	150	1,500	200	4,500	1/		1/	
OTHER COUNTIES										
1980			110	1,000	150	1,900	30	95	100	150
1981			90	800	130	2,200	50	350	100	250
STATE TOTAL										
1980	22,200	25,550	1,000	10,700	4,150	96,900	1,650	15,920	57,900	95,700
1981	23,700	29,650	1,050	10,300	4,400	88,000	1,700	16,500	61,700	98,800

1/ Included in "Other Counties".

VEGETABLE CROPS: ACREAGE AND PRODUCTION, BY COUNTIES, WASHINGTON, 1980 - 1981 (CONTINUED)

County and Year	Lettuce, Fresh Market		Dry Onions, All		Snap Beans, All		Sweet Corn, All	
	Harvested Acres	Production (000 Cwt.)	Harvested Acres	Production (000 Cwt.)	Harvested Acres	Production (Tons)	Harvested Acres	Production (Tons)
ADAMS								
1980			1,000	386			1/	
1981			1,000	400			1/	
BENTON								
1980							400	4,100
1981							1,200	11,300
CLARK								
1980	250	55					300	2,100
1981	280	56					500	3,000
COLUMBIA								
1980								
1981								
COWLITZ								
1980	1/						600	4,400
1981	1/						600	4,200
FRANKLIN								
1980	1/		300	116	100	350	2,100	21,200
1981	1/		400	168	1/		2,700	24,300
GRANT								
1980			1,600	598	1/		10,400	93,000
1981			1,700	672	1/		14,500	119,000
GRAYS HARBOR								
1980					1/		1/	
1981					1/		50	300
KING								
1980	265	60			1/		500	2,900
1981	200	40			1/		400	1,900
KITTITAS								
1980							5,400	46,000
1981							5,800	42,400
KLICKITAT								
1980	1/				1/			
1981	1/				1/			
LEWIS								
1980	1/						1,400	8,100
1981	1/						1,200	6,000
PIERCE								
1980	410	75					300	1,700
1981	450	81					300	1,600
SKAGIT								
1980	1/				1/		1,100	7,000
1981	1/				1/		100	600
SNOHOMISH								
1980	1/				1/		100	300
1981	1/				1/		200	500
SPOKANE								
1980	1/				300	1,250	1/	
1981	1/				200	700	1/	
THURSTON								
1980					1/		600	3,700
1981					1/		600	3,100
WALLA WALLA								
1980	1/		880	387	450	1,350	5,100	48,100
1981	1/		900	360	350	1,000	4,000	34,000
WATCOM								
1980	1/				1,100	3,550	3,500	18,400
1981	1/				1,100	2,800	2,600	10,000
WHITMAN								
1980								
1981								
YAKIMA								
1980	130	15	300	90	250	1,900	7,400	54,000
1981	130	25	500	200	1/		7,900	56,100
OTHER COUNTIES								
1980	145	35			260	700	300	1,200
1981	140	32			50	100	250	950
STATE TOTAL								
1980	1,200	240	4,080	1,577	2,460	9,100	39,500	316,200
1981	1,200	234	4,500	1,800	1,700	4,600	42,900	319,250

1/ Included in "Other Counties".

SEED CROPS

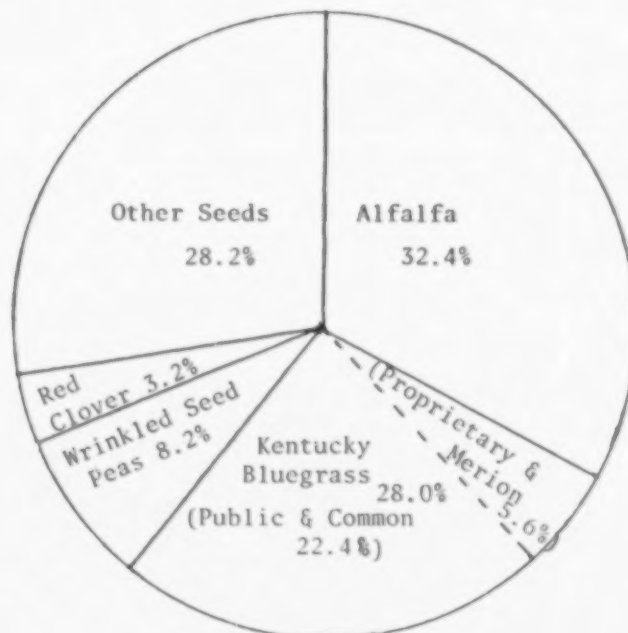
Washington's seed crop acreage decreased substantially during 1981. Overall production and value of production were lower for 1981, even though high yields for the three major seed crops were realized. Crop development started slower than normal early in the season. Growing conditions improved throughout the season and seed crops were harvested in near ideal weather.

Alfalfa seed producers experienced an excellent year as average yield increased nearly 300 pounds over the previous year -- the year Mt. St. Helens erupted. The season started under favorable growing conditions and progressed into an active pollination period. Harvest began the first of September under favorable weather. In late October, harvest of the crop was completed.

Red Clover crop got off to a slow start due to the cool, wet spring. However, by mid-summer dry, warm conditions were evident which were ideal for the crop and lasted through harvest. Insect spraying was less than normal and pollination was good with plenty of bee activity.

Kentucky Bluegrass was reported in good condition throughout the growing season with no problems reported. Swathing of the crop began in mid-July with weather conditions improving as harvest progressed.

VALUE OF PRODUCTION: PERCENT OF TOTAL BY SEED CROPS,
WASHINGTON, 1981



SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, WASHINGTON, 1979 - 1981

Crop and Year	Acreage Harvested	Yield Per Acre	Production	Avg. Price Per Cwt.	Value of Production
	<i>000 Acres</i>	<i>Lbs.</i>	<i>000 Lbs.</i>	<i>Dollars</i>	<i>000 Dollars</i>
ALFALFA SEED					
1979	33	250	8,250	125.00	10,313
1980	21	335	7,665	118.00	9,045
1981	16	610	9,760	110.00	10,736
RED CLOVER SEED					
1979	8.5	310	2,635	76.00	2,003
1980	5.7	300	1,710	84.50	1,445
1981	2.2	470	1,034	103.00	1,065
KENTUCKY BLUEGRASS: Proprietary & Merion					
1979	1.9	335	637	66.00	420
1980	4.2	480	2,016	64.00	1,290
1981	3.9	570	2,223	84.00	1,867
Public & Common					
1979	23	400	9,200	77.50	7,130
1980	25	650	16,250	51.00	8,288
1981	26	650	16,900	44.00	7,436
OTHER TURF GRASSES					
1979	1.4	-	956	-	561
1980	.9	-	594	-	341
1981	.4	-	232	-	121
OTHER MISCELLANEOUS SEEDS 1/					
1979	27.5	-	64,325	-	11,542
1980	37.5	-	63,300	-	21,386
1981	24.0	-	37,275	-	10,750
STATE TOTAL					
1979	95.3	-	86,003	-	31,969
1980	94.3	-	91,535	-	41,795
1981	72.5	-	67,424	-	31,975

1/ Includes grass, legume, and vegetable seeds not published separately

SEED CROPS: VALUE OF PRODUCTION PER HARVESTED ACRE, WASHINGTON, 1979 - 1981

C R O P	Value Per Acre		
	1979	1980	1981
	<i>Dollars</i>		
Alfalfa Seed	313	431	671
Red Clover Seed	236	254	484
Kentucky Bluegrass: Proprietary & Merion	221	307	479
Public & Common	310	332	286

BERRIES

Production of berries in Washington during 1981 was less than 1980 for all berries except cranberries and red raspberries. All berry crops failed to meet grower expectations. Reduced acreage, local frost and an extended cool, wet spring were factors contributing to the reduced production.

Cultivated Blackberries: Weather conditions were generally favorable for blackberry production, although early fall rains cancelled plans for some late picking.

Blueberries: Production was down this year due to rains and local frosts during the bloom period. Acreage has remained steady.

Cranberries: Production was higher than last year, but still below growers' expectations. A cool, wet spring along with heavy vine growth limited bee activity. Berry size was smaller than normal this year.

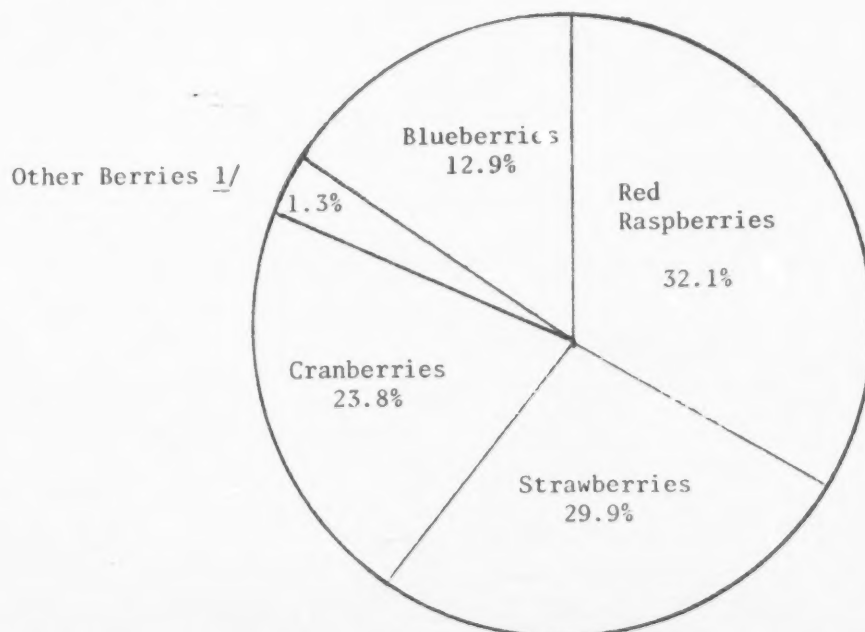
Currants: Acreage continued its downward slide. Yield also declined as cold, wet weather was evident during the spring bloom period.

Black Raspberries: Production of this year's crop is considerably below last year's. Prices remained poor as demand by processors continued to decline.

Red Raspberries: The extended cool, wet weather of spring was not favorable for the raspberry bloom. Early summer conditions were somewhat better. However, fall rains promoted fungus and rot, holding yields down from the potential.

Strawberries: Harvest was delayed as plant maturity was behind normal development. Reports of frost and water damage ranged from none to extensive, varying by field.

BERRIES: VALUE OF PRODUCTION, PERCENT OF TOTAL, WASHINGTON, 1981



1/ Other berries include cultivated blackberries, currants, black raspberries, wild blackberries, loganberries, and boysenberries.

BERRY CROPS: ACREAGE, PRODUCTION, AND VALUE, WASHINGTON, 1979 - 1981

Crop and Year	Acreage Harvested	Yield Per Acre	Utilized Production	Average Price Per Lb.	Value of Utilized Production	Fresh Market		Processing	
						Pro-duction	Average Price Per Lb.	Pro-duction	Average Price Per Lb.
	<i>Acres</i>	<i>Lbs.</i>	<i>000 Lbs.</i>	<i>Cents</i>	<i>000 Dols.</i>	<i>000 Lbs.</i>	<i>Cents</i>	<i>000 Lbs.</i>	<i>Cents</i>
Cultivated Blackberries									
1979	200	2,540	508	55.2	280	21	50.0	487	55.4
1980	240	3,500	840	15.8	133	37	55.0	803	14.0
1981	220	3,750	825	22.5	186	250	55.0	575	8.3
Blueberries									
1979	800	5,990	4,792	54.8	2,626	1,373	67.3	3,419	49.8
1980	800	6,380	5,100	54.7	2,790	1,765	61.6	3,335	51.0
1981	800	5,750	4,600	60.5	2,783	2,036	69.4	2,564	53.4
Cranberries 1/									
1979	1,100	13,360	14,700	26.7	3,925	1,850		12,540	
1980	1,100	9,450	10,400	33.1	3,442	-		10,080	
1981	1,100	11,730	12,900	39.7	5,121	950		11,790	
Currants									
1979	80	1,390	111	42.3	47	2	37.8	109	42.4
1980	60	1,620	97	45.1	44	2	47.5	95	45.0
1981	50	1,200	60	42.7	26	2	40.0	58	42.8
Black Raspberries									
1979	130	2,200	286	86.7	248	2	86.7	284	86.7
1980	120	1,460	175	41.0	72	2	41.0	173	41.0
1981	120	670	80	26.1	21	4	47.5	76	25.0
Red Raspberries									
1979	2,600	4,900	12,740	69.5	8,854	1,790	75.5	10,950	68.5
1980	2,800	4,500	12,600	37.3	4,700	2,240	69.6	10,360	30.3
1981	2,800	4,750	13,300	52.0	6,916	2,200	68.1	11,100	48.8
Strawberries									
1979	3,100	5,300	16,400	34.7	5,696	3,000	38.0	13,400	34.0
1980	2,900	6,000	17,400	34.7	6,038	4,600	45.0	12,800	31.0
1981	2,800	6,000	16,800	38.3	6,440	5,600	47.0	11,200	34.0
Others 2/									
1979	240		496		230				
1980	180		214		88				
1981	170		206		60				
STATE TOTAL									
1979	8,250		50,033		21,906	8,038		41,189	
1980	8,200		46,826		17,307	8,646		37,646	
1981	8,060		48,771		21,553	11,042		37,363	

1/ Utilized Production includes berries lost because of dehydration and berry breakdown after delivery. 2/ "Other Berries" includes Wild Blackberries, Loganberries, and Boysenberries.

BERRY CROPS: ACREAGE AND PRODUCTION, BY COUNTIES, WASHINGTON, 1979 - 1981

County and Year	Cultivated Blackberries		Blueberries		Cranberries		Currants		Black Raspberries		Red Raspberries		Strawberries	
	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction	Har-vested Acreage	Pro-duction
	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.	Acres	000 Lbs.
Clallam														
1979											60	282	60	270
1980											60	270	65	320
1981											60	310	70	350
Clark														
1979	65	200	40	176					120	267	110	583	300	1,530
1980	100	300	100	430					120	175	300	1,824	130	700
1981	90	315	100	410					115	77	300	1,750	120	710
Cowlitz														
1979	20	50									1/			
1980	55	165									70	322		
1981	50	155									70	370		
Grays Harbor														
1979					200	2,670								
1980					200	1,940								
1981					200	2,400								
King														
1979	20	60	120	720			70	81			100	390	390	1,890
1980	15	75	110	616			45	59			100	410	400	2,420
1981	15	65	90	450			45	54			90	620	430	2,880
Kitsap														
1979			5	24							80	428	50	150
1980			1/								60	312	50	230
1981			1/								60	390	50	175
Lewis														
1979			90	585									100	340
1980			90	495									100	440
1981			100	620									120	480
Pacific														
1979					900	12,030								
1980					900	8,460								
1981					900	10,500								
Pierce														
1979	50	151	150	927							700	3,325	480	2,210
1980	40	240	140	966							600	3,180	480	2,930
1981	40	200	130	871							550	3,600	510	2,295
Skagit														
1979											270	1,863	600	3,630
1980											400	1,792	590	3,570
1981											490	1,360	515	3,450
Snohomish														
1979			25	160							240	1,284	250	1,200
1980			15	95							200	1,020	250	1,600
1981			15	79							200	1,300	240	1,630
Thurston														
1979			105	539									140	420
1980			95	608									140	630
1981			100	590									140	630
Whatcom														
1979			200	1,370							900	4,095	500	4,050
1980			200	1,660							950	3,230	460	3,450
1981			200	1,324							920	3,330	480	3,640
Other Counties														
1979	45	47	65	291			10	30	10	19	140	490	230	710
1980	30	60	50	230			15	38	-		60	240	235	1,110
1981	25	90	65	265			5	6	5	3	60	270	125	560
STATE TOTAL														
1979	200	508	800	4,792	1,100	14,700	80	111	130	286	2,600	12,740	3,100	16,400
1980	240	840	800	5,100	1,100	10,400	60	97	120	175	2,800	12,600	2,900	17,400
1981	220	825	800	4,600	1,100	12,900	50	60	120	80	2,800	13,300	2,800	16,800

1/ Included in "Other Counties".

STRAWBERRIES: ACREAGE BY VARIETY, WASHINGTON, 1979 - 1981

Variety	1979		1980		1981	
	Acres	Percent	Acres	Percent	Acres	Percent
Shuksan	1,000	32.2	850	29.3	1,000	35.7
Hood	900	29.0	650	22.4	700	25.0
Totem	360	11.6	400	13.8	450	16.0
Olympus	350	11.3	250	8.6	100	3.6
Rainier	200	6.5	250	8.6	250	8.9
Puget Beauty	160	5.2	100	3.4	100	3.6
Benton	25	0.8	150	5.2	100	3.6
Others ^{1/}	105	3.4	250	8.7	100	3.6
STATE TOTAL	3,100	100.0	2,900	100.0	2,800	100.0

^{1/} Others include Tioga, Marshall, Quinault, Silitz, and Robinson.

BERRIES: COLD STORAGE HOLDINGS, SELECTED MONTHS, UNITED STATES, 1979 - 1981

Berry Type and Year	May 31	June 30	July 31	August 31	September 30
Blackberries	<i>000 Pounds</i>				
1979	4,045	4,963	5,473	11,434	11,870
1980	4,108	6,084	15,166	21,344	30,072
1981	17,812	15,714	21,058	22,491	26,420
Blueberries					
1979	18,554	17,099	18,639	38,749	45,276
1980	18,521	15,981	16,876	37,831	44,082
1981	11,160	8,028	12,918	40,891	38,763
Red Raspberries					
1979 ^{1/}	6,205	7,747	24,772	23,297	21,599
1980	6,237	5,637	24,586	26,147	23,362
1981	5,182	4,663	24,487	24,746	22,582
Strawberries					
1979	117,258	185,527	196,668	187,450	177,244
1980	106,428	198,776	240,696	225,233	210,841
1981	115,067	165,139	190,553	175,716	171,845

^{1/} Includes total raspberries.

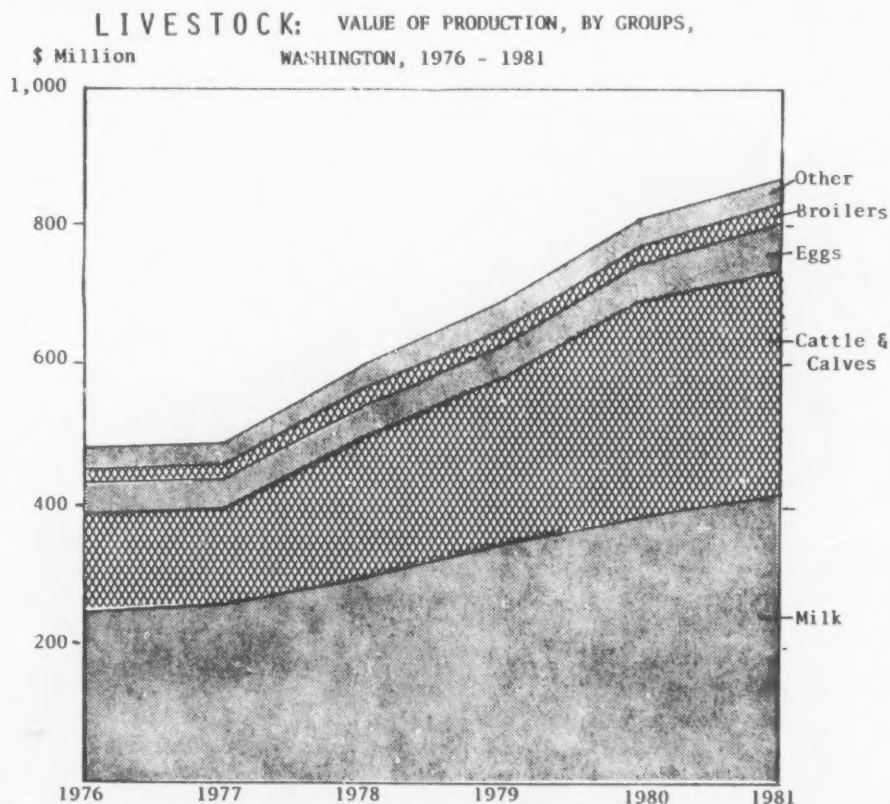
LIVESTOCK

Washington's value of production for all livestock, dairy, and poultry has increased steadily over the years. The 1981 value of production advanced to a record high of 871.9 million dollars. This was 7 percent more than the previous record high set in 1980 and 25 percent more than 1979.

Dairy farmers realized higher prices for milk in 1981 even though milk production continued to increase. Milk accounted for 48 percent of the total value of production for livestock and poultry. Milk production totaled 3.0 billion pounds in 1981--up from the 2.9 billion pounds produced in 1980. Average returns per cwt. of milk was \$13.81 in 1981, 80 cents more than the 1980 average.

The inventory of all cattle and calves on January 1, 1982 was at a record high of 1.58 million head. The value of production for 1981 was also a record high at 323 million dollars. The price of cattle averaged \$62.90 per cwt. for 1981, a 50 cent increase from the 1980 average. However, calf prices declined from \$74.00 to \$60.00 per cwt. for 1981.

Egg production has risen steadily over the past six years, from 1,058 million in 1976 to 1,332 million eggs in 1981. Poultry producers received an average 58.2 cents per dozen for eggs sold during 1981. This was the highest recorded annual average price in the past 20 years.



LIVESTOCK, DAIRY, AND POULTRY: VALUE OF PRODUCTION
WASHINGTON, 1979 - 1981 1/

Commodity	Value			Percent of Total		
	1979	1980	1981	1979	1980	1981
	<i>000 Dollars</i>			<i>Percent</i>		
Milk	343,956	382,754	416,648	49.5	47.0	47.8
Cattle and Calves	236,558	311,142	322,978	34.0	38.2	37.0
Eggs	49,712	53,095	64,603	7.1	6.5	7.4
Broilers	25,007	26,875	32,458	3.6	3.3	3.7
Hogs	12,741	18,214	12,087	1.8	2.2	1.4
Mink	7,740	6,412	6,712	1.1	.8	.8
Sheep and Lambs	2,587	2,456	2,716	.4	.3	.3
Honey	1,785	2,155	1,736	.2	.3	.2
Farm Chickens	1,835	1,019	1,258	.3	.1	.1
Wool	553	546	530	.1	.1	.1
Beeswax	72	142	103	-	-	-
Miscellaneous <u>2/</u>	12,930	9,921	10,091	1.9	1.2	1.2
TOTAL	695,476	814,731	871,920	100.0	100.0	100.0

1/ Value of production including value of home consumption. 2/ Includes turkeys, turkey eggs, ducks, other miscellaneous poultry, horses, goats, goat's milk, and rabbits.

LIVESTOCK VALUE: AVERAGE PER HEAD AND TOTAL, ON FARMS,
WASHINGTON, JANUARY 1, 1979 - 1981

Year	Value Per Head				Total Value			
	All Cattle	All Sheep and Lambs	All Hogs <u>1/</u>	<u>1/</u> 2/ All Chickens	All Cattle	All Sheep and Lambs	All Hogs <u>1/</u>	<u>1/</u> 2/ All Chickens
	<i>Dollars</i>				<i>000 Dollars</i>			
1979	445.00	68.00	62.50	2.10	611,875	5,100	6,250	12,669
1980	550.00	73.50	71.50	2.15	797,500	6,101	7,150	14,186
1981	465.00	78.50	68.00	1.60	734,700	6,280	4,080	10,758

1/ December 1 preceding year. 2/ Excludes commercial broilers.

LIVESTOCK FARMS: NUMBER BY SPECIES, WASHINGTON, 1979 - 1981

Year	All Cattle <u>1/</u>	Dairy	Cattle Feedlots <u>2/</u>	Mink	Hogs	Sheep
1979	21,000	4,000	24	49	4,100	1,700
1980	22,000	4,000	19	45	4,300	2,000
1981	23,000	4,000	25	N.A.	3,600	2,200

1/ Includes dairy farms. 2/ Feedlots with 1,000 head or more capacity that operated at any time during the year.

CATTLE AND CALVES: INVENTORY BY CLASSES AND WEIGHT.

WASHINGTON, JANUARY 1, 1979 - 1982 AND JULY 1, 1979 - 1981

Month and Year	All Cattle and Calves	All Cows & Heifers That Have Calved			Heifers 500 Pounds and Over				Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Steers, Heifers, & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Total	Beef Cow Replace- ments	Milk Cow Replace- ments	Other			
000 Head											
January 1											
1979	1,375	570	372	198	247	76	90	81	240	28	290
1980	1,579	578	379	199	237	65	68	104	369	29	366
1981	1,450	573	373	200	258	70	79	109	257	29	333
1982	1,580	650	443	207	288	106	79	103	221	33	388
July 1											
1979	1,500	562	364	198	240	75	75	90	255	28	415
1980	1,545	620	419	201	231	56	99	76	207	30	457
1981	1,550	600	395	205	260	65	88	107	251	30	409

CATTLE AND CALVES: INVENTORY AND DISPOSITION, WASHINGTON, 1979 - 1981

Year	Inventory Beginning of Year	Calf Crop	Inship- ments	Marketings 1/		Farm Slaughter 2/ Cattle & Calves	Deaths		Inventory End of Year
				Cattle	Calves		Cattle	Calves	
				000 Head					
1979	1,375	510	118	201	77	58	29	59	1,579
1980	1,579	550	64	454	161	53	25	50	1,450
1981	1,450	530	326	495	100	50	27	54	1,580

1/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments.

CATTLE AND CALVES: PRODUCTION AND INCOME, WASHINGTON, 1979 - 1981

Year	Pro- duction <u>1/</u>	Market- ings <u>2/</u>	Average Price Per 100 Lbs.		Value of Pro- duction	Cash Receipts <u>3/</u>	Value of Home Consumption	Gross Income
			Cattle	Calves				
	000 Pounds		Dollars		000 Dollars			
1979	348,030	232,490	65.90	78.60	236,558	155,916	50,228	206,144
1980	491,370	546,450	62.40	74.00	311,142	346,379	45,180	391,559
1981	515,730	556,680	62.90	60.00	322,978	349,475	49,497	398,972

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings and sale of farm slaughter.

CATTLE SLAUGHTERED: NUMBER AND LIVEWEIGHT, BY MONTHS,
WASHINGTON, 1979 - 1981 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Total
<i>000 Head</i>													
Number													
1979	62.2	50.9	52.8	48.1	53.6	56.0	53.2	60.8	52.9	54.4	52.4	53.3	650.6
1980	56.3	49.8	50.5	53.2	52.2	52.1	56.0	58.9	67.3	71.1	58.6	60.9	687.0
1981	56.4	56.7	57.8	50.4	52.0	56.3	59.6	62.6	72.0	74.8	69.0	76.8	744.4
<i>000 Pounds</i>													
Liveweight													
1979	71,274	57,550	59,744	54,648	62,009	63,928	59,899	68,039	59,096	62,335	59,562	60,458	738,560
1980	63,616	56,196	56,588	60,300	59,294	59,055	63,073	65,607	75,551	80,742	66,478	68,011	774,510
1981	63,942	64,896	66,600	57,610	60,049	63,519	66,638	69,940	81,407	84,600	77,712	86,831	843,745

1/ Includes slaughter under Federal Inspection and other wholesale and retail slaughter, excludes slaughter of calves under 500 pounds and all farm slaughter.

BEEF: SUPPLIES AND PRICES, BY QUARTER, UNITED STATES, 1979 - 1981*

Year	Commercial Cattle Slaughter 1/						Average Dressed Weight	Commercial Production 2/	Per Capita Consumption 3/	Prices			
	Steers and Heifers			Cows	Bulls and Stags	Total				Retail	Choice Feeders Kansas City 600-700 Lb.	Choice Steers Omaha 900-1,100 Lb.	Farm 4/
	Fed	Non-fed	Total										
	000 Head						Lbs.	Mil. Lbs.	Lbs.	Cents/Lb.	\$/Cwt.		
1979													
I	6,981	202	7,183	1,564	149	8,896	624	5,547	27.8	215.4	80.93	65.42	65.17
II	6,387	140	6,527	1,370	147	8,044	631	5,076	25.7	235.5	86.83	72.51	70.70
III	6,212	532	6,744	1,340	164	8,248	633	5,222	25.7	226.6	82.38	65.88	64.83
IV	5,986	679	6,665	1,656	169	8,490	638	5,416	26.3	227.7	82.18	67.18	64.30
Year	25,566	1,553	27,119	5,930	629	33,678	631	21,261	105.5	226.3	83.08	67.75	66.00
1980													
I	6,313	219	6,532	1,450	163	8,145	644	5,249	25.5	235.2	80.44	66.88	65.07
II	5,847	798	6,645	1,375	174	8,194	641	5,251	25.4	231.4	70.44	64.65	60.80
III	5,922	885	6,807	1,608	200	8,615	625	5,384	25.9	241.6	75.77	70.82	63.53
IV	5,922	843	6,765	1,901	187	8,853	631	5,586	26.5	242.3	74.26	65.51	60.40
Year	24,004	2,745	26,749	6,334	724	33,807	635	21,470	103.3	237.6	75.23	66.96	62.48
1981													
I	6,196	641	6,837	1,577	172	8,586	647	5,559	26.2	237.5	70.59	61.99	58.53
II	5,796	974	6,770	1,526	200	8,496	640	5,438	25.6	234.7	66.62	66.68	60.03
III	6,166	835	7,001	1,660	218	8,879	624	5,541	26.4	243.1	65.04	66.53	59.20
IV	5,660	1,267	6,927	1,880	185	8,992	631	5,676	26.2	239.5	62.72	60.17	54.10
Year	23,818	3,717	27,535	6,643	775	34,953	636	22,214	104.4	238.7	66.24	63.84	57.96

1/ Classes estimated. 2/ May not add due to rounding. 3/ Total, including farm production. 4/ Annual is wtd. avg.
* Source: USDA, ERS, LMS-245, Livestock & Meat Situation, May 3, 1982.

LIVESTOCK SLAUGHTER: TOTAL RED MEAT PRODUCTION, BY MONTHS,
WASHINGTON, 1979 - 1981 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Total
<i>Million Pounds</i>													
1979	51.9	42.0	45.0	41.7	47.7	46.5	45.5	51.9	46.3	51.1	47.8	46.1	563.6
1980	50.6	43.9	43.6	47.5	46.6	45.0	47.1	48.7	55.8	59.8	47.6	49.6	585.9
1981	48.1	47.4	50.0	44.8	45.4	47.1	46.9	48.2	56.5	60.3	55.5	61.4	611.8

1/ Red meat production includes beef, veal, pork, lamb, and mutton. Includes livestock slaughtered under Federal Inspection and other wholesale and retail slaughter, excludes farm slaughter.

**CENSUS OF AGRICULTURE: ALL CATTLE, BEEF COWS, AND MILK COWS,
WASHINGTON, DECEMBER 31, 1978**

County	CRD Code	All Cattle and Calves		Cows and Heifers That Have Calved			
				Beef		Milk	
		Farms	Inventory	Farms	Inventory	Farms	Inventory
Adams	5	253	36,868	196	15,129	37	1,812
Asotin	9	120	11,721	103	7,340	13	17
Benton	2	514	48,218	320	16,260	76	2,182
Chelan	2	102	2,468	60	1,313	14	25
Clallam	1	265	10,178	218	3,081	40	1,558
Clark	1	944	35,353	697	9,043	184	9,087
Columbia	9	119	8,782	102	4,351	13	72
Cowlitz	1	273	9,520	231	2,882	47	1,623
Douglas	5	163	20,332	143	9,693	27	39
Ferry	3	153	13,468	131	6,713	44	81
Franklin	5	340	43,160	226	13,968	45	1,871
Garfield	9	123	11,302	115	5,758	17	32
Grant	5	713	111,823	433	23,945	129	5,133
Grays Harbor	1	301	18,840	204	2,966	90	7,163
Island	1	194	7,354	149	1,355	32	1,863
Jefferson	1	113	4,179	94	1,301	17	578
King	1	680	36,224	409	3,707	175	16,317
Kitsap	1	171	2,352	134	823	31	149
Kittitas	2	418	54,546	326	20,450	63	1,182
Klickitat	2	316	30,687	260	14,638	58	864
Lewis	1	915	38,897	643	7,752	236	9,439
Lincoln	5	369	38,111	330	20,705	56	520
Mason	1	78	2,031	66	799	17	55
Okanogan	2	507	55,418	399	28,221	125	542
Pacific	1	171	8,569	127	2,624	34	1,871
Pend Oreille	3	185	7,367	146	3,231	50	743
Pierce	1	653	32,145	453	4,345	171	13,375
San Juan	1	86	2,691	63	1,201	15	112
Skagit	1	513	41,151	287	3,871	153	16,129
Skamania	1	49	1,521	38	621	12	33
Snohomish	1	907	50,431	562	5,467	238	20,043
Spokane	3	958	33,262	645	11,763	201	4,138
Stevens	3	741	36,575	523	13,495	258	4,524
Thurston	1	479	23,673	355	4,867	121	7,614
Wahkiakum	1	138	7,991	95	1,619	36	2,304
Walla Walla	9	319	63,578	242	9,340	35	1,439
Whatcom	1	1,174	82,313	496	6,158	566	40,929
Whitman	9	516	36,991	432	17,408	46	346
Yakima	2	1,445	157,732	841	27,498	215	14,889
Farms Not on Census List		4,016	46,816	2,426	15,482	616	5,114
STATE TOTAL		20,494	1,284,638	13,720	351,183	4,353	195,807

CATTLE AND CALVES ON FEED:

BY QUARTERS AND AREAS, WASHINGTON, 1980 - 1981

I T E M	January 1		April 1		July 1		October 1	
	1980	1981	1980	1981	1980	1981	1980	1981
	000 Head							
Cattle and Calves on Feed <u>1/</u>	155	173	152	154	173	164	165	185
Cattle on Feed by Class:								
Steers & Steer Calves	126	119	119	99	138	112	120	123
Heifers & Heifer Calves	29	52	33	54	35	51	43	61
Cows & Others	0	2	0	1	0	1	2	1
Cattle on Feed by Feeding Area:								
West of Cascades	1	1	1	1	1	1	1	1
Yakima Valley <u>2/</u>	75	74	68	67	82	70	79	78
Columbia Basin <u>3/</u>	78	97	82	85	88	91	84	101
North & Eastern Co. <u>4/</u>	1	1	1	1	2	2	1	5
Steers & Heifers on Feed by Weight Groups:								
Under 500 Lbs.	0	2	0	0	0	0	4	0
500 - 699 Lbs.	9	19	17	15	11	18	17	16
700 - 899 Lbs.	47	54	52	48	64	48	58	94
900 - 1,099 Lbs.	80	71	65	63	66	79	62	53
1,100 Lbs. Plus	19	25	18	27	32	18	22	21
Cattle & Calves Placed on Feed Previous Quarter	96	115	88	91	118	114	107	134
Fed Cattle Marketed Previous Quarter	103	104	86	106	96	103	114	112
Other Disappearance Previous Quarter	3	3	5	4	1	1	1	1

1/ Cattle and Calves on feed includes only animals on fattening rations to be marketed directly to slaughter grading U.S. Good or Better. 2/ Includes Kittitas and Klickitat Counties. 3/ Includes Adams, Franklin, Grant, and Walla Walla Counties. 4/ Combined to avoid revealing individual operations.

MILK COWS AND MILK PRODUCTION: WASHINGTON, 1979 - 1981

Year	Number of Milk Cows On Farms <u>1/</u>	Production of Milk and Milkfat <u>2/</u>				
		Per Milk Cow		Percentage of Fat in All Milk Production	Total	
		Milk	Milkfat		Milk	Milkfat
	000	Pounds		Percent	Million Pounds	
1979	197	14,299	525	3.67	2,817	103
1980	201	14,637	536	3.66	2,942	108
1981	205	14,717	537	3.65	3,017	110

1/ Average number during year, excluding heifers not yet fresh. 2/ Excludes milk sucked by calves.

MILK DISPOSITION: WASHINGTON, 1979 - 1981

Year	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves <u>1/</u>	Used for Milk, Cream and Butter	Total	Sold to Plants and Dealers <u>2/</u>	Sold Directly to Consumers <u>3/</u>	Total
	Million Pounds					
1979	28	8	36	2,660	121	2,781
1980	29	6	35	2,785	122	2,907
1981	18	3	21	2,870	126	2,996

1/ Excludes milk sucked by calves. 2/ Includes milk produced by dealers' own herds. 3/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

DAIRY PRODUCTS: MARKETINGS, INCOME, AND VALUE, WASHINGTON, 1979 - 1981

Year	Milk and Cream Sold				Used Where Produced for Milk, Cream, and Butter		Gross Income <u>3/</u>	Value of Production <u>4/</u>
	Milk Utilized	Average Returns <u>1/</u>		Cash Receipts				
		Per 100 Pounds Milk	Per Pound Milkfat		Milk Utilized	Value <u>2/</u>		
	<i>Mil. Lbs.</i>	<i>Dollars</i>		<i>000 Dol.</i>	<i>Mil. Lbs.</i>	<i>000 Dollars</i>		
1979	2,781	12.21	3.33	339,614	8	977	340,591	343,956
1980	2,907	13.01	3.55	378,095	6	781	378,876	382,754
1981	2,996	13.81	3.78	413,822	3	414	414,236	416,648

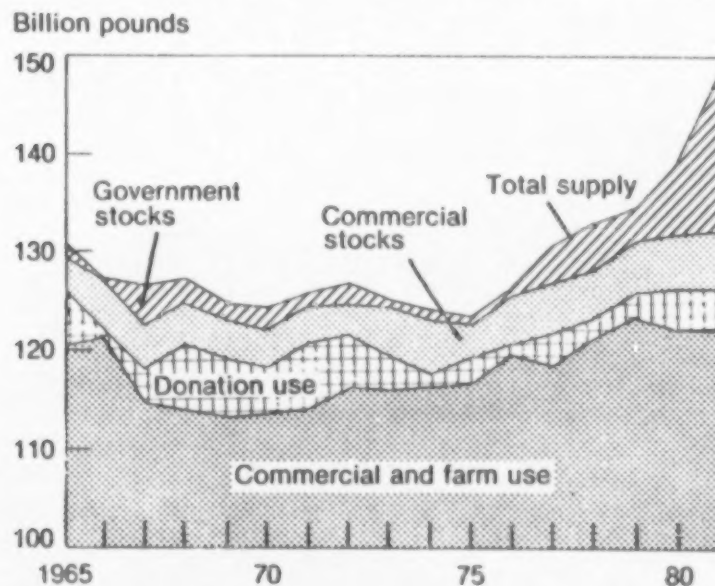
1/ Cash receipts divided by milk for milkfat. 2/ Valued at average returns per 100 pounds of milk. 3/ Cash receipts from marketing of milk and cream plus value of milk used for home consumption and producer-churned butter. 4/ Includes value of milk fed to calves.

MILK COWS AND MILK PRODUCTION: BY MONTHS AND ANNUAL, WASHINGTON, 1979 - 1981

Month and Annual	Milk Cows on Farms 1/			Milk Per Cow 2/			Milk Production 2/		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	000 Head			Pounds			Million Pounds		
Jan.	197	202	201	1,125	1,170	1,205	222	236	242
Feb.	195	203	201	1,050	1,110	1,100	205	225	221
Mar.	196	203	203	1,200	1,215	1,235	235	247	251
Apr.	196	204	205	1,200	1,230	1,235	235	251	253
May	198	204	205	1,290	1,310	1,310	255	267	269
Jun.	197	202	205	1,250	1,260	1,260	246	255	258
Jul.	198	201	205	1,270	1,290	1,305	251	259	268
Aug.	196	201	206	1,250	1,270	1,280	245	255	264
Sep.	197	197	206	1,180	1,210	1,220	232	238	251
Oct.	197	198	206	1,200	1,220	1,220	236	242	251
Nov.	197	199	207	1,125	1,140	1,155	222	227	239
Dec.	199	200	207	1,170	1,200	1,210	233	240	250
Annual	197	201	205	14,299	14,637	14,717	2,817	2,942	3,017

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

MILK SUPPLY, USE, AND STOCKS: UNITED STATES, 1965 - 1981



Stocks as of December 31. 1981 forecast.

MANUFACTURED DAIRY PRODUCTS: MONTHLY AND ANNUAL,
WASHINGTON, 1980 - 1981

Month	Butter		Cottage Cheese				Total Cheese 1/	
			Curd		Creamed			
	1980	1981	1980	1981	1980	1981	1980	1981
	000 Lbs.							
January	3,581	3,332	1,907	2,054	1,656	2,642	3,550	3,465
February	3,092	2,801	1,819	1,808	2,378	1,765	3,662	3,185
March	3,266	3,294	2,105	2,010	2,703	1,938	4,023	3,891
April	3,540	3,649	2,005	1,898	2,518	2,739	3,649	4,050
May	4,073	4,216	2,120	1,893	2,766	1,925	4,369	4,177
June	3,479	3,819	1,860	1,895	2,422	1,980	3,824	4,059
July	3,704	3,514	1,980	1,956	2,613	1,991	3,857	4,066
August	3,372	3,412	1,850	1,945	2,465	1,969	3,832	3,996
September	3,063	3,274	1,809	1,881	2,387	1,844	3,666	3,858
October	3,378	3,878	1,906	1,783	2,472	1,854	3,533	3,922
November	2,973	3,343	1,607	1,654	2,147	1,665	3,359	3,751
December	3,272	4,065	1,598	1,675	2,135	1,734	3,823	4,036
Annual	40,793	42,597	22,566	22,452	28,662	24,046	45,147	46,456
Reporting Plants	10	9	12	11	11	11	7	7

1/ Includes American and Italian.

MANUFACTURED DAIRY PRODUCTS: Monthly and Annual,
WASHINGTON, 1980 - 1981

Month	Ice Cream Mix		Ice Cream 1/		Ice Milk Mix		Ice Milk		Milk Sherbet	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	000 Gal.									
January	640	606	1,207	1,153	380	460	558	644	85	84
February	633	578	1,208	1,106	326	352	512	540	114	82
March	724	719	1,378	1,357	435	429	770	624	95	90
April	678	611	1,394	1,203	459	472	727	696	100	97
May	698	676	1,338	1,349	479	510	841	803	114	76
June	801	869	1,525	1,515	500	512	818	771	117	108
July	792	855	1,561	1,650	540	608	875	942	84	110
August	814	885	1,560	1,695	552	617	851	985	93	99
September	761	789	1,521	1,499	508	517	813	862	88	110
October	669	984	1,226	1,667	399	448	535	665	56	97
November	803	533	1,579	1,068	426	404	725	566	94	55
December	769	535	1,543	1,243	454	404	910	633	101	79
Annual	8,782	8,640	17,040	16,505	5,458	5,733	8,935	8,731	1,145	1,087
Reporting Plants	17	17	*	*	20	18	2/17	2/14	*	*

1/ Ice cream must contain 10 percent or more butterfat. 2/ Plant number limited to those with hard production, does not include those making only soft product.

* Plant count not published.

**CENSUS OF AGRICULTURE: HOGS, SHEEP, AND HORSES,
WASHINGTON, DECEMBER 31, 1978**

County	CRD Code	Total Hogs and Pigs		Sheep and Lambs		Horses	
		Farms	Inventory	Farms	Inventory	Farms	Inventory
Adams	5	43	1,757	27	1,717	150	691
Asotin	9	16	512	10	242	72	299
Benton	2	80	1,265	55	6,316	271	1,340
Chelan	2	26	242	13	307	149	630
Clallam	1	18	108	17	637	98	501
Clark	1	115	2,060	70	2,001	306	1,213
Columbia	9	22	3,710	22	633	66	316
Cowlitz	1	20	185	18	874	88	330
Douglas	5	27	632	16	290	141	678
Ferry	3	28	338	12	717	105	574
Franklin	5	47	2,142	37	2,062	189	740
Garfield	9	15	1,202	4	89	59	276
Grant	5	102	6,540	66	7,328	361	1,768
Grays Harbor	1	23	137	13	137	111	468
Island	1	40	866	8	(D)	70	268
Jefferson	1	14	105	3	(D)	32	165
King	1	117	4,782	71	1,103	381	2,813
Kitsap	1	53	534	9	163	83	349
Kittitas	2	38	4,310	47	3,560	263	1,476
Klickitat	2	37	612	43	1,857	194	752
Lewis	1	84	1,560	61	1,434	276	1,047
Lincoln	5	39	2,513	37	1,812	210	934
Mason	1	16	215	-	-	32	174
Okanogan	2	84	1,254	39	4,763	401	1,955
Pacific	1	11	68	6	80	39	141
Pend Oreille	3	30	238	5	237	91	349
Pierce	1	111	2,280	47	632	276	1,352
San Juan	1	26	367	46	1,823	29	87
Skagit	1	46	1,783	36	581	154	688
Skamania	1	5	32	6	205	26	97
Snohomish	1	143	2,696	66	1,095	346	1,763
Spokane	3	178	6,271	74	1,896	523	2,283
Stevens	3	126	3,216	49	2,968	400	1,534
Thurston	1	81	2,148	39	1,267	199	1,162
Wahkiakum	1	5	12	-	-	23	59
Walla Walla	9	31	3,151	43	1,415	207	1,019
Whatcom	1	76	2,663	39	810	255	1,030
Whitman	9	71	10,179	73	4,563	226	1,083
Yakima	2	214	6,552	147	25,479	755	6,505
All Other Counties				3	38		
Farms Not on Census List		1,341	10,166	242	577	2,526	6,847
STATE TOTAL		3,599	89,403	1,619	81,904	10,183	45,756

(D) Data suppressed to avoid disclosure of individual farms.

HOGS AND PIGS: INVENTORY BY CLASSES, WASHINGTON, DECEMBER 1, 1979 - 1981

Year	All Hogs and Pigs	Breeding Total	Market				
			Total	Under 60 Lbs.	60- 119 Lbs.	120- 179 Lbs.	180 Lbs. and Over
			000 Head				
1979	100	19	81	48	18	8	7
1980	100	14	86	25	22	31	8
1981	60	9	51	18	9	12	12

PIG CROP: SOWS FARROWING, PIGS PER LITTER, PIG CROP, DECEMBER 1/ - MAY AND JUNE - NOVEMBER, WASHINGTON, 1979 - 1981

Year	Sows Farrowing		Pigs Per Litter		Pig Crop	
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Dec.-May	June-Nov.
000 Head						
1979	9.0	11.0	7.3	8.0	66	88
1980	16.0	11.0	7.3	8.0	117	88
1981	6.0	7.0	8.0	8.1	48	57

1/ December preceding year.

HOGS AND PIGS: INVENTORY AND DISPOSITION, WASHINGTON, 1979 - 1981

Year	Inventory December 1 Previous Year	Annual Pig Crop	Inshipments	Marketings 1/	Farm Slaughter 2/	Deaths	Inventory December 1
000 Head							
1979	75	154	0	111	11	7	100
1980	100	205	0	179	14	12	100
1981	100	105	0	134	6	5	60

1/ Includes custom slaughter for use on farms where produced and state cutshipments and excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS: PRODUCTION AND INCOME, WASHINGTON, 1979 - 1981

Year	Production 1/	Marketings 2/	Price Per 100 Lbs.	Value of Production	Cash Receipts 3/	Value Home Consumption	Gross Income
000 Pounds			Dollars	000 Dollars			
1979	28,933	23,198	43.80	12,741	10,230	1,823	12,053
1980	44,598	37,859	40.60	18,214	15,478	2,004	17,482
1981	26,446	27,483	45.50	12,087	12,559	1,714	14,273

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings and sale of farm slaughter.

HOGS SLAUGHTERED: NUMBER AND LIVELWEIGHT, BY MONTHS,

WASHINGTON, 1979 - 1981 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Total
	000 Head												
Number													
1979	43.0	37.1	46.2	46.7	51.2	37.6	47.4	57.6	55.6	72.3	64.3	51.2	610.2
1980	67.3	52.0	47.8	57.6	57.5	51.0	47.2	45.9	53.0	58.6	39.6	45.4	622.9
1981	50.3	42.7	47.3	47.8	45.3	43.1	32.2	27.6	34.3	46.7	46.0	47.3	510.6
	000 Pounds												
Liveweight													
1979	9,879	8,455	10,556	10,564	11,751	8,860	10,853	13,049	12,610	16,810	15,020	11,941	140,347
1980	15,649	12,046	11,112	13,562	13,348	11,794	10,854	10,492	12,210	13,670	9,286	10,649	144,672
1981	11,795	9,900	11,045	11,270	10,710	10,040	7,415	6,365	8,035	10,981	10,873	11,171	119,602

1/ Includes slaughter in Federally inspected and other slaughter plants, but excludes animals slaughtered on farms.

PORK: SUPPLIES AND PRICES, BY QUARTER, UNITED STATES, 1979 - 1981 *

Quarter and Year	Estimated Commercial Slaughter 1/				Average Dressed Weight	Commercial Production 2/	Per Capita Consumption 3/	Prices		
	Barrows and Gilts	Sows	Boars	Total				Retail	Barrows and Gilts 7 Markets	Farm 4/
	000 Head				Lbs.	Mil. Lbs.	Lbs.	Cents/Lb.	\$/Cwt.	
1979										
I	18,903	949	188	20,040	169	3,395	15.5	156.1	51.98	50.53
II	20,512	1,008	220	21,740	173	3,754	16.8	148.2	43.04	42.30
III	29,388	1,444	250	22,082	171	3,775	17.3	138.0	38.52	37.10
IV	23,365	1,602	270	25,237	172	4,346	19.1	134.3	36.40	35.07
Year	83,168	5,003	928	89,099	171	15,270	68.7	144.1	42.48	41.25
1980										
I	22,778	1,200	258	24,236	170	4,125	18.6	133.9	36.31	35.43
II	23,395	1,353	292	25,040	172	4,299	19.1	125.3	31.18	29.90
III	20,379	1,483	296	22,158	170	3,756	17.3	144.2	46.23	44.50
IV	23,008	1,361	271	24,640	173	4,252	18.5	154.6	46.44	45.57
Year	89,560	5,397	1,117	96,074	171	16,432	73.5	139.5	40.04	38.85
1981										
I	22,268	1,145	265	23,678	172	4,076	18.1	148.7	41.13	40.30
II	21,164	1,145	285	22,594	172	3,880	17.1	144.7	43.63	42.43
III	19,725	1,277	276	21,278	169	3,606	16.6	157.5	50.42	49.03
IV	22,534	1,236	255	24,025	173	4,155	18.1	158.7	42.63	41.83
Year	85,691	4,803	1,081	91,575	172	15,719	69.9	152.4	44.45	43.40

1/ Classes estimated. 2/ Totals may not add due to rounding. 3/ Total, including farm production. 4/ Annual is weighted average. * Source: USDA, ERS, LMS-245, Livestock and Meat Situation, May 3, 1982.

SHEEP AND LAMBS: INVENTORY BY CLASSES, WASHINGTON, JANUARY 1, 1979 - 1982

Year	All Sheep and Lambs	Lambs		Sheep One Year and Over	
		Ewes	Wethers and Rams	Ewes	Wethers and Rams
		000 Head			
1979	75	15	4	52	4
1980	83	17	6	55	5
1981	80	14	6	55	5
1982	83	17	7	55	4

SHEEP AND LAMBS: INVENTORY AND DISPOSITION, WASHINGTON, 1979 - 1981

Year	Inventory Beginning of Year	Lamb Crop	Inship- ments	Marketings <u>1/</u>		Farm Slaughter <u>2/</u>	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	000 Head								
1979	75	62	6	6	32	4	8	10	83
1980	83	64	0	15	34	4	7	7	80
1981	80	68	6	13	40	4	7	7	83

1/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishment.

SHEEP AND LAMBS: LAMB CROP, WASHINGTON, 1979 - 1981

Year	Lambs Saved <u>1/</u>	Breeding Ewes 1 Year and Older On Hand Jan. 1	Lambs Saved Per 100 Ewes <u>1/</u>
000 Head			
1979	62	52	119
1980	64	55	116
1981	68	55	124

1/ Lambs saved defined as lambs docked or branded.

SHEEP AND LAMBS: PRODUCTION AND INCOME, WASHINGTON, 1979 - 1981

Year	Production <u>1/</u>	Marketings <u>2/</u>	Price Per 100 Pounds		Value of Production	Cash Receipts <u>3/</u>	Value of Home Consump- tion	Gross Income
			Sheep	Lambs				
	000 Pounds		Dollars		000 Dollars			
1979	5,345	4,021	13.80	64.30	2,587	2,207	274	2,481
1980	5,568	5,335	10.00	63.00	2,456	2,367	283	2,650
1981	6,250	6,015	13.00	53.20	2,716	2,581	262	2,843

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: NUMBER SLAUGHTERED AND LIVWEIGHT, BY MONTHS,
WASHINGTON, 1979 - 1981 ^{1/}

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	000 Head												
Number													
1979	22.5	16.2	18.3	17.3	18.0	15.6	19.8	19.9	18.6	23.3	19.3	17.9	226.8
1980	19.6	20.7	21.8	21.6	21.2	17.2	22.1	22.9	23.2	22.7	18.4	21.9	253.2
1981	22.4	21.8	30.0	28.3	23.6	21.7	21.9	19.8	23.8	20.4	16.7	19.3	269.8
	000 Pounds												
Liveweight													
1979	2,651	1,933	2,250	2,084	2,117	1,774	2,366	2,286	2,173	2,829	2,264	2,113	26,841
1980	2,316	2,493	2,709	2,585	2,567	1,905	2,506	2,584	2,608	2,701	2,221	2,658	29,854
1981	2,697	2,571	3,590	3,358	2,691	2,456	2,557	2,243	2,726	2,421	1,983	2,177	31,470

^{1/} Includes slaughter under Federal Inspection and other wholesale and retail slaughter; excludes farm slaughter.

WOOL: PRODUCTION, PRICE, AND VALUE, WASHINGTON, 1979 - 1981

Year	Number of Sheep Shorn ^{1/}	Weight Per Fleece	Total Wool Production	Price Per Pound ^{2/}	Value of Production
	000 Head	Pounds	000 Lbs.	Cents	000 Dollars
1979	76	9.0	683	81	553
1980	74	9.0	666	82	546
1981	80	8.6	688	77	530

^{1/} Includes shearing at commercial feeding yards. ^{2/} Does not include incentive payments.

LAMB: SUPPLIES AND PRICES, BY QUARTER, UNITED STATES, 1979 - 1981 *

Year and Quarter	Commercial Slaughter 1/			Average Dressed Weight	Commercial Produc- tion 2/	Per Capita Consumption 3/	Prices			
	Lambs and Yearlings	Sheep	Total				Retail	San Angelo		Farm 4/
								Choice Slaughter	Choice Feeder	
	000 Head			Lbs.	Mil. Lbs.	Lbs.	Cents/Lb.	Dollars Per/Cwt.		
1979										
I	1,154	56	1,210	59	71	.4	241.4	68.97	85.02	69.63
II	1,159	106	1,265	56	71	.4	250.1	73.55	79.01	68.83
III	1,167	96	1,262	55	69	.4	245.9	65.41	71.83	64.03
IV	1,193	87	1,280	57	73	.4	245.2	67.08	74.28	65.83
YEAR	4,672	345	5,017	57	284	1.6	245.7	68.75	77.54	66.70
1980										
I	1,310	69	1,379	58	80	.4	250.3	67.44	75.79	65.97
II	1,258	113	1,371	56	77	.4	250.0	65.42	62.27	61.37
III	1,251	126	1,377	52	72	.4	254.4	68.83	66.15	65.93
IV	1,348	104	1,452	56	81	.4	256.1	63.97	69.25	60.87
YEAR	5,167	412	5,579	56	310	1.6	252.7	66.42	68.36	63.60
1981										
I	1,383	66	1,449	58	84	.4	252.4	57.33	61.00	55.23
II	1,315	124	1,439	54	77	.4	5/	65.45	61.64	61.83
III	1,392	129	1,521	52	79	.4	5/	59.43	54.19	55.37
IV	1,499	100	1,599	55	88	.4	5/	51.38	50.63	48.50
YEAR	5,589	419	6,008	55	328	1.6	5/	58.40	56.86	55.30

^{1/} Class estimated. ^{2/} May not add due to rounding. ^{3/} Total, including farm production. ^{4/} Annual average weighted. N. A. = Not Available. * Source: USDA, ERS, LMS-245, Livestock and Meat Situation, May 3, 1982.

^{5/} Discontinued.

CENSUS OF AGRICULTURE: HENS AND PULLETS, BROILERS, AND TURKEYS, WASHINGTON, DECEMBER 1, 1978

County	CRD Code	Hens and Pullets of Laying Age		Broilers		Turkeys	
		Farms	Inventory	Farms	Inventory	Farms	Inventory
Adams	5	70	2,093	8	243	6	33
Asotin	9	25	682	6	249	-	-
Benton	2	106	1,817	25	650	12	50
Chelan	2	55	769	16	498	6	64
Clallam	1	52	1,037	13	276	5	22
Clark	1	154	16,649	47	216,923	12	110
Columbia	9	24	668	-	-	-	-
Cowlitz	1	54	1,093	14	440,164	5	15
Douglas	5	47	915	8	230	-	-
Ferry	3	49	880	10	119	4	96
Franklin	5	52	(D)	9	112	5	15
Garfield	9	29	597	3	132	-	-
Grant	5	123	11,883	27	1,080	10	97
Grays Harbor	1	70	1,122	11	53,802	-	-
Island	1	46	167,133	4	51	-	-
Jefferson	1	23	567	4	87	-	-
King	1	178	(D)	39	126,519	14	67
Kitsap	1	57	14,263	16	542	10	75
Kittitas	2	54	1,420	16	506	6	41
Klickitat	2	77	1,741	11	80	8	26
Lewis	1	125	295,404	36	685,610	10	8,036
Lincoln	5	85	1,744	15	297	3	19
Mason	1	35	643	9	191	3	10
Okanogan	2	161	3,126	30	554	11	41
Pacific	1	26	891	5	54	-	-
Pend Oreille	3	52	1,174	12	554	7	50
Pierce	1	142	669,371	54	416,023	20	124
San Juan	1	35	695	9	452	3	10
Skagit	1	76	439,203	19	23,291	8	27
Skamania	1	17	427	4	66	5	38
Snohomish	1	160	703,691	39	175,857	18	87
Spokane	3	257	(D)	60	7,694	29	288
Stevens	3	184	3,645	50	1,716	17	119
Thurston	1	101	929,574	20	111,749	9	31
Wahkiakum	1	13	193	-	-	3	6
Walla Walla	9	70	56,733	14	526	-	-
Whatcom	1	105	409,050	31	430,720	17	97
Whitman	9	78	6,097	16	1,659	9	393
Yakima	2	263	375,323	72	22,611	30	161
All Other Counties		2,456	52,496	1,461	14,597	480	1,449
Farms Not on Census List				5	82	12	63
STATE TOTAL		5,786	5,038,562	2,248	2,736,566	797	11,760

(D) Data suppressed to avoid disclosure of individual farms.

CHICKENS: NUMBER ON FARMS, WASHINGTON, DECEMBER 1, 1979 - 1981

Year	All Chickens 1/	Hens and Pullets of Laying Age	Not of Laying Age		Other Chickens
			Pullets 3 Months and Older	Pullets Under 3 Months Old	
			000 Head		
1979	6,033	5,068	452	471	42
1980	6,598	5,348	588	603	59
1981	6,724	5,514	423	733	54

1/ Excludes commercial broilers

EGGS: PRODUCTION AND INCOME, WASHINGTON, 1979 - 1981

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption 1/	Gross Income
	Millions			Cents	000 Dollars		
1979	1,172	5	1,167	50.9	49,500	212	49,712
1980	1,295	9	1,286	49.2	52,726	369	53,095
1981	1,332	9	1,323	58.2	64,166	437	64,603

1/ Valued at same price as eggs sold.

EGG PRODUCTION AND LAYERS: WASHINGTON, 1980 - 1981

Month	1980			1981		
	Average Number Layers	Eggs Produced		Average Number Layers	Eggs Produced	
		Per 100 Layers	Total		Per 100 Layers	Total
	000	Millions		000	Millions	
December 1/	5,105	2,057	105	5,467	2,140	117
January	5,176	1,932	100	5,526	2,153	119
February	5,138	1,888	97	5,455	1,962	107
March	5,105	2,135	109	5,362	2,201	118
April	5,140	2,023	104	5,288	2,080	110
May	5,159	2,113	109	5,160	2,054	106
June	5,301	2,094	111	5,066	2,013	102
July	5,333	2,119	113	5,193	2,118	110
August	5,282	2,120	112	5,188	2,140	111
September	5,527	2,008	111	5,183	2,084	108
October	5,465	2,104	115	5,276	2,123	112
November	5,270	2,068	109	5,401	2,074	112
Annual 2/	5,250	24,667	1,295	5,298	25,142	1,332

1/ December preceding year. 2/ Production per 100 layers is derived.

BROILERS: PRODUCTION AND GROSS INCOME, WASHINGTON, 1979 - 1981

Year	Number Produced	Pounds Produced	Price Per Pound	Gross Income 1/
	000		Cents	000 Dollars
1979	19,847	83,357	30.0	25,007
1980	20,641	86,692	31.0	26,875
1981	21,879	94,080	34.5	32,458

1/ Gross income includes home consumption.

BROILERS: SUPPLY AND PRICES, BY QUARTERS, UNITED STATES, 1979 - 1981*

Quarter and Year	Federally Inspected Slaughter				Total Production RTC 1/	Per Capita Consumption	Prices	
	Number	Average Weight	Liveweight	Certified RTC Wt.			Farm	9-City
	<i>Millions</i>	<i>Lbs.</i>	<i>Mill. Lbs.</i>		<i>Mill. Lbs.</i>	<i>Lbs.</i>	<i>Cents/Lb.</i>	
1979								
I	907	3.90	3,541	2,551	2,623	11.2	28.5	47.5
II	1,011	3.90	3,936	2,844	2,922	12.6	28.2	47.7
III	1,009	3.92	3,951	2,855	2,934	12.5	23.6	40.8
IV	917	4.02	3,683	2,665	2,740	11.4	23.8	41.7
Year	3,843	3.93	15,111	10,916	11,219	47.7	26.0	44.4
1980								
I	950	3.96	3,759	2,739	2,786	11.7	25.6	43.0
II	1,016	3.96	4,027	2,940	2,989	12.3	23.5	41.1
III	991	3.83	3,796	2,776	2,817	11.7	31.8	53.3
IV 2/	932	4.00	3,729	2,720	2,742	11.3	30.5	49.9
Year 2/	3,915	3.93	15,409	11,175	11,334	47.0	27.8	46.8
1981								
I	969	4.01	3,883	2,826	2,868	11.7	30.1	49.3
II	1,064	3.97	4,225	3,084	3,127	12.6	28.1	46.1
III	1,054	3.96	4,176	3,063	3,105	12.7	28.8	47.0
IV 2/	965	4.05	3,908	2,865	2,905	11.7	25.2	42.1
Year 2/	4,071	3.99	16,267	11,838	12,005	48.7	28.0	46.3

1/ Total production equals Federally inspected slaughter plus other slaughter minus cut-up and further processing condemnations. 2/ Revised to show new procedures developed by Federal Safety Inspection Service. Compiled data only given for December and total for the year. * Source: USDA, ERS, PES312, Poultry and Egg Situation, February 26, 1982. RTC = Ready to Cook.

HONEY AND BEES: PRODUCTION, VALUE, AND DECEMBER 15 STOCKS, WASHINGTON, 1979 - 1981

Year	Number Of Colonies	Production			Price Per Lb.		Value of Production		Honey Stocks On Hand Dec. 15
		Honey		Total Beeswax	All Honey	Beeswax	Honey	Beeswax	
		<i>Per Colony</i>	<i>Total</i>						
	000	<i>Lbs.</i>	<i>000 Lbs.</i>		<i>Dollars</i>		<i>000 Dollars</i>		<i>000 Lbs.</i>
1979	87	38	3,306	43	.540	1.68	1,785	72	364
1980	90	42	3,780	72	.570	1.97	2,155	142	454
1981	87	35	3,045	52	.570	1.98	1,736	103	487

ESTIMATES ISSUED BY WASHINGTON CROP AND LIVESTOCK REPORTING SERVICE

Washington Crop and Livestock Reporting Service Reports

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